



**KBEMS**

**Agency License &  
Vehicle Inspection Manual**

Version 2.1

Effective January 1, 2019

Revised March 11, 2019

# **TABLE OF CONTENTS**

<b>Introduction</b>	<b>3</b>
<b>Agency Inspection</b>	<b>4</b>
Inspection Timeline	4
Desk Review	5
On-Site Inspection	11
On-Site Vehicle Inspection	12
<b>Conditions of Licensure</b>	<b>13</b>
Renewal of License	13
Non-Renewal of License	13
Lapse of Operations	13
Cease of Operations	13
Sale or Transfer of License	13
Ambulance Purchasing Specification Requirements	14
<b>Initial Vehicle Inspections</b>	<b>15</b>
New Vehicle Inspection	15
Temporary Vehicles	15
<b>Ambulance Equipment Lists</b>	<b>17</b>
Class I ALS	17
Class I BLS	25
Class II BLS	31
Class III Neonatal Specialty Care	37
Class III Pediatric Specialty Care	42
Class III Adult Specialty Care	50
Class IV ALS	58
Class IV BLS	66
Class VI ALS	72
Class VI BLS	76
Class VIII ALS	80
Class VIII BLS	88

## **Post-Inspection** **89**

Inspection Report	89
Violations	89
Re-inspection	90
Non-Response to Statement of Violations	90
Notification Process	90

## **Addendum**

Mutual Aid Frequency Clarification	91
------------------------------------	----

## **Change Log** **92**

# **INTRODUCTION**

This manual is intended to provide ambulance agencies with guidance to ensure that all EMS agencies and ambulances are properly licensed and inspected as required by the Kentucky Board of Emergency Medical Services, and the Kentucky Administrative Ground Ambulance Regulations (202 KAR 7:501, 545, 550, 555, and 560). The Kentucky Board of Emergency Medical Services, herein referred to as KBEMS, is the agency charged with regulating and coordinating emergency medical services within the Commonwealth of Kentucky. All information provided in this document is intended to supplement the Ground Ambulance Regulations.

Please note that any and all interpretive information herein is operational in nature only and does not constitute legal advice. Please consult your agency or personal legal counsel for legal advice.

As established by 202 KAR 7:501, Section 4 (1), "Compliance with licensing pursuant to this administrative regulation shall be validated through on-site inspections of the agency by representatives or employees of the KBEMS Office."

A licensed ambulance must be fully stocked and equipped in accordance with the minimum equipment standards defined in this document, as applicable to the ambulance and agency's license classification.

For clarity, the following definitions shall apply throughout this document:

- **Annual Inspection:** Refers to the annual inspection of the EMS agency, to include inspection of the vehicles associated with the license and the documents required by the Ground Ambulance Regulations.
- **Agency License:** refers to the annually-renewable license issued by the Kentucky Board of EMS that permits the agency to provide service in accordance with their specified classification.

# AGENCY INSPECTION

## KBEMS ANNUAL AGENCY INSPECTION TIMELINE

### Schedule Inspection

#### November -December of Year Preceding Inspection

Your assigned KBEMS Inspector will contact you at the end of the year to schedule your annual inspection for the following year.

### Inspection & Renewal App Opens

#### January 1

The Inspection/Renewal Application opens on January 1 of each year. At this time you can upload the required documentation and pay your annual renewal fee. This application will be processed by KBEMS upon satisfactory completion of your annual inspection (including inspection of ALL ambulances).

### Inspection & Renewal App Completed

#### 30 Days Prior to On-site Inspection

You are required to have the Inspection/Renewal Application completed at least 30 days before your scheduled on-site inspection to allow your KBEMS inspector time to review your documents. Failure to complete the application at least 30 days before will result in a "FAILED" inspection.

### Inspector Reviews App

#### 14 Days Prior to On-site Inspection

Your KBEMS Inspector will contact you at least 14 days before your scheduled inspection to let you know if further documents or information is needed. Any requested document must be uploaded within one (1) week to allow for review by your KBEMS Inspector.

### On-Site Inspection

#### Day of Inspection

On the day of your Annual KBEMS Inspection your assigned KBEMS Inspector will review your on-site documents as noted in the KBEMS Agency Licensure & Vehicle Inspection Manual, and will also inspect your ambulances, if applicable.

Your annual agency inspection will consist of a desk review, in which your assigned KBEMS inspector will review your agency policies and ensure compliance with the applicable regulation; and an on-site inspection, at which time your KBEMS inspector will evaluate the items noted in the "On-Site Agency Inspection Section of this manual, and will also inspect your facilities and all agency fleet vehicles, as listed in the agency KEMSIS account. Please insure that your KEMSIS account is up to date at the time of your inspection, as your KBEMS inspector will review your fleet and employee roster at that time.

The annual inspection will be scheduled during the year prior, subject to the discretion and availability of the KBEMS representative; generally this will be during normal business hours, Monday through Friday. The KBEMS Inspector/Liaison will make every attempt to schedule all vehicle inspections for an agency in concurrence with the on-site agency inspection.

The agency director, or designee, will be contacted at the e-mail on file in the agency KEMSIS account to schedule the date, time, and location of the annual inspection. The Inspector/Liaison will generally attempt to inspect all vehicles from a given agency during one visit, except for agencies with multiple locations across the state. Agencies with a large number of ambulances may also necessitate splitting the inspection into multiple days.

An agency representative shall be available to meet and assist the Inspector/Liaison during the inspection. This individual must be familiar with the vehicle or vehicles being inspected. It is not required that the representative be the agency director.

It is the sole responsibility of the EMS agency to maintain licensure with the Kentucky Board of Emergency Medical Services.

## **Desk Review**

An annual review of agency documentation will be conducted prior to your inspection. You will gain access to *the Agency Inspection & Renewal Application* at the beginning of each calendar year that will allow payment of agency renewal fee and attachment of all required documentation per the KBEMS Ground Ambulance Regulations. **Payment of your agency renewal fee will be required prior to review of your inspection documents.**

Payment of the appropriate fee and completion of the *Agency Inspection & Renewal Application* will be required at least thirty days prior to your on-site agency inspection. A KBEMS inspector will review your documents at least 30 days prior to your on-site agency inspection. Failure to submit an *Agency Inspection & Renewal Application*, or upload documents prior to the desk

review will be considered as a failed inspection, and the maximum re-inspection fee of \$500 being assessed due to greater than five (5) violations. Your agency inspection will be re-scheduled at that time and the necessary documentation shall still be required. Failure to provide/upload documents upon re-inspection will result in discipline per KRS Chapter 311A.

The documents listed below **MUST** be uploaded to the *Agency Inspection & Renewal Application*:

<b>Document</b>	<b>Regulation Referenced</b>
Organizational chart that establishes lines of authority, including the designation of: <ul style="list-style-type: none"> <li>• an administrator</li> <li>• a designee who shall serve in the absence of the administrator</li> </ul>	202 KAR 7:555 Section 2(1)(a)
A policy for the provision of a pre-employment and annual health assessment of employees of the agency, which shall include reporting mechanisms for work-related illness or injury	202 KAR 7:555 Section 2(1)(d)
A written plan for providers to consult with online adult and pediatric medical direction. This plan shall address as a minimum: <ul style="list-style-type: none"> <li>• The availability of medical direction twenty-four (24) hours a day, seven (7) days a week</li> <li>• The availability of medical direction during an emergency event</li> <li>• The provision of medical direction by a medical professional with a higher level of training or expertise</li> <li>• Recommended actions if: a. There is an equipment failure, a communication barrier, or other unusual circumstance; and b. It is not possible to contact online medical direction.</li> </ul>	202 KAR 7:555 Section 2(1)(e)
A plan and records for the provision of continuing education for staff and volunteers, including: <ul style="list-style-type: none"> <li>• A written plan for the method of assessment of staff continuing education needs</li> <li>• A coordinated plan to meet those needs, including a provision that all continuing education shall be provided either by a licensed TEI or in accordance with 202 KAR 7:601</li> </ul>	202 KAR 7:555 Section 2(1)(f)

An infection control plan in accordance with 29 C.F.R. 1910.1030	202 KAR 7:555 Section 2(1)(g)
A written plan for training or educating personnel for responding to hazardous materials, criminal, and potential terrorist incidents, including plans for the protection and decontamination of patients, ambulances, equipment, and staff	202 KAR 7:555 Section 2(1)(h)
A written policy regarding the appropriate destination of a patient who expires during transport if a valid Kentucky EMS DNR, or MOST form is present	202 KAR 7:555 Section 2(1)(i)
<p>A written plan for the quality assessment of patient care and provider quality improvement, including a monthly review of patient care reports and evaluation of staff performance related to patient care. This plan shall address as a minimum:</p> <ul style="list-style-type: none"> <li>• Employee health and safety</li> <li>• Compliance with protocols and operating procedures</li> <li>• Assessment of dispatch protocols</li> <li>• Vehicle operations and vehicle safety</li> <li>• Additional training necessary for the patient care provider or providers</li> <li>• Equipment preventive maintenance programs</li> <li>• A process for the resolution of customer complaints</li> </ul>	202 KAR 7:555 Section 2(1)(j)
A written plan for training personnel and responding to mass casualty incidents and disasters	202 KAR 7:555 Section 2(1)(k)
<p>A written orientation program for all personnel, including at a minimum:</p> <ul style="list-style-type: none"> <li>• Validation of certification or license with KBEMS</li> <li>• Validation of NIMS ICS 100, 200, 700, and 800 within sixty (60) days of employment for any employee who staffs a licensed vehicle</li> <li>• Validation of Driver's License if applicable</li> <li>• A review of all agency policies, procedures, and protocols</li> <li>• Communication equipment at the base station and on each vehicle</li> <li>• Operational aspects of the agency fleet and equipment</li> </ul>	202 KAR 7:555 Section 2(1)(l)



<ul style="list-style-type: none"> <li>• Inspection and routine maintenance of agency fleet, facilities, and equipment</li> <li>• Appropriate processes for disinfection of agency fleet, facilities, and equipment</li> <li>• Local navigation and geographic orientation</li> <li>• Completion of Patient Care Reports and other documentation as established by the agency</li> </ul>	
Proof of professional liability malpractice insurance of a minimum of \$1,000,000	202 KAR 7:555 Section 2(1)(m)
Proof of vehicular liability insurance	202 KAR 7:555 Section 2(1)(n)
<p>Policy regarding which employees are approved to provide medical services off duty by the agency's medical director and the manner in which worker's compensation and general liability insurance covers employees off duty. The policy shall be signed by both the agency's administrator and medical director, shall be reviewed annually, and shall include:</p> <ul style="list-style-type: none"> <li>• Direction on which employees may remove medical equipment from the agency's premises for the purpose of providing care off duty</li> <li>• Direction on which equipment may be removed from the agency's premises for the purpose of providing care off duty</li> <li>• A provision that controlled substances shall not be removed from the agency's premises for the purposes of providing care off duty.</li> </ul>	202 KAR 7:555 Section 2(5)
<p>Each agency shall in the county in which the agency's base station or a satellite is located:</p> <ul style="list-style-type: none"> <li>• Document evidence of participation in a local, county, regional, or state disaster or preparedness exercise within the preceding twelve (12) months</li> <li>• Coordinate with the county emergency management director plans for the possible use of agency personnel for use in the emergency operations center in a disaster</li> <li>• Maintain a hard copy or electronic equivalent of the most current adopted city, county, or urban county government emergency management agency's emergency operations plan at the ambulance base station.</li> </ul>	202 KAR 7:555 Section 2(6)

A licensed agency shall have a written plan to assure all requests for service shall be promptly answered	202 KAR 7:555 Section 3(5)
<p>Written scope of care policy to include:</p> <ul style="list-style-type: none"> <li>• the types of services performed</li> <li>• limitations of response</li> <li>• and the types of medical teams provided</li> </ul>	202 KAR 7:555 Section 3(6)
<p>An agency shall enter into a mutual aid agreement with another Kentucky licensed ambulance agency operating within the same or contiguous counties that provide response to medical emergencies. These agreements shall be in writing and address:</p> <ul style="list-style-type: none"> <li>• The type of mutual aid assistance to be provided, including ALS or BLS medical care and transport and ALS or BLS medical first response</li> <li>• Response personnel, including levels of training or education and provisions for joint in-service training or education if appropriate</li> <li>• Response vehicles, including unit identifiers and the station or location from which the vehicles shall be operated</li> <li>• A plan of action for the mutual aid agreement, including dispatch and notification procedures</li> <li>• Radio and other communications procedures between the ambulance agency and other response agencies with which the agency has mutual aid agreements</li> <li>• On-scene coordination and scene control including medical direction if several agencies respond to the same incident</li> <li>• Exchange of patient information, records, and reports as allowed by law</li> <li>• The effective dates and process for amendment or termination</li> </ul> <p>– OR –</p> <p><b>IF UNABLE TO PROCURE A MUTUAL AID AGREEMENT WITH ANOTHER KENTUCKY LICENSED AMBULANCE OPERATING WITHIN THE SAME OR CONTIGUOUS COUNTIES:</b></p>	202 KAR 7:555 Section 3(8)

<i>A ground agency shall send a written request for a mutual aid agreement to at least two (2) contiguous counties and retain a copy of each request and each county's response</i>	
<p>Each agency shall maintain a policy or affiliation agreement with the primary call-taking center that provides dispatch services for all or part of the service area of the ground agency. The agreement shall state at a minimum that</p> <ul style="list-style-type: none"> <li>• Requests for emergency ambulance service shall be dispatched or notified within two (2) minutes from determining that the caller is requesting ambulance response</li> <li>• The closest licensed agency for that geographic service area is unable to have a vehicle responding to an emergency call within ten (10) minutes from the time the call is dispatched, the agency shall notify the next closest appropriate licensed agency to respond</li> <li>• The agreement shall specify which patient information shall be collected by the call-taking center during a call for service</li> </ul> <p>– OR –</p> <p><b><i>If a ground agency is unable to secure a written affiliation agreement with the dispatch center, the ground agency shall retain all written correspondence to the dispatch center requesting an affiliation agreement and the dispatch center's denial of the agency's request</i></b></p>	202 KAR 7:555 Section 3(10)
Master medication list consistent with the agency's medical protocols.	
FCC License with current expiration date	202 KAR 7:555
<p>Medical Director Documents: All agencies MUST upload the following documents:</p> <ul style="list-style-type: none"> <li>• A copy of their agreement with their medical director</li> <li>• A copy of a current KBML license</li> </ul> <p>ALS Agencies MUST also upload the following documents:</p> <ul style="list-style-type: none"> <li>• A copy of a current Board Certification in Emergency Medicine from the American Board of Medical Specialties or the American Association of Physician Specialists</li> </ul> <p>-OR-</p> <ul style="list-style-type: none"> <li>• Current ATLS</li> </ul>	202 KAR 7:555 & 202 KAR 7:801

<ul style="list-style-type: none"> <li>• Current ACLS through AHA or ASHI</li> <li>• Current PALS or PEPP</li> </ul> <p>BLS Agencies MUST also upload the following documents:</p> <ul style="list-style-type: none"> <li>• A copy of a current Board Certification in Emergency Medicine from the American Board of Medical Specialties or the American Association of Physician Specialists</li> </ul> <p>-OR-</p> <ul style="list-style-type: none"> <li>• Current ATLS, ITLS, or PHTLS</li> <li>• Current ACLS through AHA or ASHI</li> <li>• Current PALS or PEPP</li> </ul>	
---	--

## On-site Agency Inspection

### *On-site Document Inspection*

The following items will be evaluated during the on-site agency inspection:

<p>Records and reports at the ambulance agency base station including:</p> <ul style="list-style-type: none"> <li>• An original, electronic equivalent, or copy of all patient care records consistent with the U.S. Department of Transportation National Highway Traffic Safety Administration (NHTSA) National Emergency Medical Services Information System (NEMSIS) data dictionary found at <a href="http://www.nemsis.org/technical-resources/version-3">www.nemsis.org/technical-resources/version-3</a></li> <li>• An electronic copy of all completed patient care reports, which shall be maintained to ensure confidentiality and safekeeping for at least seven (7) years from the date on which the service was rendered, or in the case of a minor, at least three (3) years after the minor reaches the age of majority</li> <li>• Copies of Patient Care Reports for the preceding twelve (12) months, which shall be accessible and be immediately available to the board, KBEMS office, or representatives upon request</li> </ul>	202 KAR 7:555 Section 2(1)(b)
<p>Personnel files for each employee or volunteer who staffs a vehicle of a licensed agency. Personnel files shall be maintained for at least one (1) year following separation from employment.</p>	202 KAR 7:555 Section 2(1)(c)

<p>As a minimum, all personnel files shall contain:</p> <ul style="list-style-type: none"> <li>• A pre-employment and annual criminal background check administered by the Kentucky Administrative Office of the Courts</li> <li>• A copy of the employee's valid KBEMS certification or licensure card</li> <li>• A copy of each employee's completion of NIMS ICS 100, 200, 700, and 800</li> </ul> <p>For any employee who operates a vehicle:</p> <ul style="list-style-type: none"> <li>• A copy of a valid driver's license</li> <li>• Verification of completion of at least four (4) hours of driver training and education every two (2) years consistent with requirements of 202 KAR 7:560, Section 2.</li> </ul>	
Staffing schedules for the previous twelve (12) months.	202 KAR 7:555 Section 3(2)
Preventive Maintenance Program for vehicle and electronic equipment (suction, monitor, etc.)	202 KAR 7:550 Section 1(4)

## On-Site Vehicle Inspection

During inspection, **an ambulance being inspected is expected to be in “run last” status**, meaning that it will not be dispatched to an emergency or non-emergency call unless no other unit is readily available within the service area. Ambulances that have completed their inspection should be utilized so that other vehicle inspections can be completed without interruption. *Agencies should plan accordingly to ensure coverage of their geographical service area during inspection.*

A Class 1 ground agency ambulance may be inspected at the BLS or ALS level. A minimum of 25% of a Class I agency vehicles staffed at the time of inspection are required to be inspected at an ALS level. The level of inspection (ALS/BLS) shall be made prior to the vehicle inspection beginning.

# **CONDITIONS OF LICENSURE**

## **Renewal of License**

The *Agency Inspection & Renewal Application* will include the agency renewal, and will be available at the beginning of the calendar year. It is the sole responsibility of the agency to maintain a current agency license.

## **Non-Renewal of License**

Should an Agency License lapse due to non-renewal, the Agency License become null and void, and ambulance operations should cease immediately. It will then be necessary for the EMS Agency to apply for a new Kentucky Certificate of Need with the Kentucky Cabinet for Health and Family Services. There is no grace period or reinstatement for expired EMS agency licenses.

## **Lapse of Operations**

Each licensed agency, with the exception of Class IV & Class VIII, is required to provide service twenty-four (24) hours a day, seven (7) days a week. Failure to maintain service twenty-four hours a day, seven days a week is considered a lapse of operations and the agency will be subject to discipline, up to and including expiration of the agency license.

Class IV and VIII agencies are required to operate during the hours of operation for their geographical service area or designated event, respectively.

## **Cease of Operations**

If an agency wishes to surrender their Agency License and cease operations, they should notify KBEMS within twenty-four (24) hours of ceasing to provide service, and submit a completed "Cease Operations Notice" (KBEMS-A2). Upon completion of the KBEMS "Cease Operations Notice" the license for that agency becomes null and void, and cannot be sold to another entity.

## **Sale or Transfer of License**

Agencies are required to submit a license transfer application if a change of ownership; of greater than 50% of the assets, capital stock, or voting rights of the direct owner of a licensed EMS agency; occurs as stated in 202 KAR 7:501, Section 3. This is applicable to changes in direct ownership only.

For example, if a holding company owns a corporation which owns an EMS agency, only the sale of the corporation will require an application submission.

A new license application filed due to a change of ownership shall be filed, at minimum, ten (10) days PRIOR to the change of ownership. The new license shall be issued for the remainder of the present year.

There shall be no lapse in service during the sale of the Agency License.

An agency that is currently under disciplinary action or review may not sell their license until the legal action has been resolved, and all associated fees have been paid.

## **Ambulance Purchasing Specification Requirements**

Below you will find the specification requirements for purchasing an ambulance.

	<b>Purchased Before Jan 1, 2019</b>	<b>Purchased After Jan 1, 2019</b>
<b>New Production Ambulance</b>	Must be compliant with GSA KKK-A-1822 at time of purchase	Must be compliant with CAAS GVS at time of purchase*
<b>Verified By:</b>	Star of Life Decal	CAAS GVS Decal
<b>Remounted Ambulance</b>	Must be compliant with GSA KKK-A-1822 on original manufacture date	Must be complaint with CAAS GVS on original manufacture date
<b>Verified By:</b>	Star of Life Decal or letter from remounter/manufacture	CAAS GVS Decal or letter from remounter/manufacture

*\*CAAS certification require that a Final Stage Ambulance Manufacturer (FSAM) be registered with CAAS with the intention of producing CAAS GVS certified vehicles. It is the responsibility of the purchasing agency to ensure that an ambulance they are purchasing is eligible for GVS certification. Go to <http://www.groundvehiclestandard.org/registered-fsams/> for a complete list of FSAM's.*

# **INITIAL VEHICLE INSPECTIONS**

## **New Vehicle Inspection**

A new ambulance is one that is not currently attached to your agency roster in KEMSIS.

Prior to being placed into service, all new vehicles must pass a physical inspection. Inspections for new ambulances are scheduled subject to the availability of the KBEMS Inspector/Liaison and may be performed either at the location of the agency, or at a location agreed upon by the Inspector/Liaison and the EMS agency representative, but will be conducted in a timely manner.

The agency will be assessed the appropriate fee for inspection of a new vehicle, regardless of the time of the inspection. If a new vehicle is inspected during the agency's scheduled annual inspection, the "New Vehicle Inspection (at agency location)" fee will be assessed in addition to normal and customary annual licensure and inspection fees.

If a vehicle is inspected at any other location than the office location of the KBEMS inspector the "at agency location" fee is applicable.

If the vehicle passes inspection, the vehicle may be used pending processing of the EMS Agency License; said license will be issued by KBEMS in a timely manner.

If the vehicle does not meet the minimum standards the violations(s) must be corrected prior to use as an ambulance. If violations(s) are unable to be corrected at the time of the inspection, an additional inspection shall be required to verify correction of the violation(s) and the agency will be required to submit an additional "Vehicle Add" application with the appropriate fee.

## **Temporary Vehicle**

Agencies are permitted to use a "temporary vehicle", which is not on their agency vehicle roster in KEMSIS in an emergency situation. Temporary vehicles will only be allowed in an emergency situation which would result in a reduction of staffing coverage for the agency. The agency shall complete a Vehicle Change Form within 24 hours, or by the next business day, of the temporary vehicle being placed into service.

Temporary vehicles are allowed for use no more than thirty (30) days ANNUALLY without a physical inspection by KBEMS. If a vehicle deemed for temporary use is not removed after thirty (30) days of use the agency will be assessed a fine of \$500 for each day or partial day the vehicle is in service beyond 30 days. Temporary vehicles are required to meet all KBEMS regulations while in service.



If an agency is found to be operating a vehicle for which proper notification has not been made, the agency will be required to immediately remove the vehicle from service until the appropriate vehicle application has been submitted.

# **AMBULANCE EQUIPMENT LISTS**

***(By license classification)***

## ***Class I ALS***

<b>Class I ALS Equipment List</b>	
<b>Ambulance Operations</b>	
Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Section 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Section 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Section 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Section 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Section 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Section 1(2)(a)

An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star- Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019 shall comply fully with the ambulance design criteria contained in the Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	202 KAR 7:550 Section 1(2)(b, c, d, e)
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Section 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Section 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550

Each BLS agency shall maintain evidence in the form of a letter that adult and pediatric medical protocols have been reviewed and approved by the board pursuant to KRS 311A.180. A hard copy or electronic equivalent of approved protocols shall be accessible to each provider throughout each call.	202 KAR 7:550 Sec 2(1)
<b>Suction, ventilation, and blood pressure equipment</b>	
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1
Rigid catheters	202 KAR 7:550 Sec 2(2)(a)2
Flexible catheters in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 2(2)(a)3
Bulb syringe for infant and neonate suction	202 KAR 7:550 Sec 2(2)(a)4
Disposable adult and pediatric bag-valve-mask with a pediatric pop-off valve with oxygen reservoir, oxygen tubing, and adult, pediatric, infant, and neonate masks	202 KAR 7:550 Sec 2(2)(a)5
Nasopharyngeal airways (16F-34F; adult and child sizes) with water-soluble lubricant	202 KAR 7:550 Sec 2(2)(a)6
Oropharyngeal airways (sizes 0-5; adult, child, and infant sizes)	202 KAR 7:550 Sec 2(2)(a)7
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8
Manual pediatric and adult regular and large sphygmomanometer cuffs with stethoscope.	202 KAR 7:550 Sec 2(2)(a)9
<b>Oxygen equipment</b>	
A fixed oxygen system for each ambulance	202 KAR 7:550 Sec 2(2)(b)1
Two (2) portable, adequately filled, secured oxygen tanks that are minimally size D	202 KAR 7:550 Sec 2(2)(b)2
Pressure gauge and flow rate regulator for fixed and portable units with a range of zero to fifteen (15) liters per minute	202 KAR 7:550 Sec 2(2)(b)3
Transparent non-rebreather oxygen masks and nasal cannulas for adults and pediatrics.	202 KAR 7:550 Sec 2(2)(b)4
<b>Bandages, bandaging supplies and tape, including:</b>	
Commercially packaged or sterile burn sheets	202 KAR 7:550 Sec 2(2)(c)1
Triangular bandages	202 KAR 7:550 Sec 2(2)(c)2
<b>Dressings of the following types:</b>	
Sterile dressings, including gauze sponges of suitable size	202 KAR 7:550 Sec 2(2)(c)3a
Abdominal dressings	202 KAR 7:550 Sec 2(2)(c)3b
Gauze rolls, various sizes	202 KAR 7:550 Sec 2(2)(c)4

Occlusive dressing, or equivalent	202 KAR 7:550 Sec 2(2)(c)5
Adhesive tape of various sizes (include one (1) inch and two (2) inch)	202 KAR 7:550 Sec 2(2)(c)6
Arterial tourniquet	202 KAR 7:550 Sec 2(2)(c)7
Shears for bandages.	202 KAR 7:550 Sec 2(2)(c)8
<b>Obstetrical supplies that shall include at a minimum:</b>	
Sterile scalpels or scissors	202 KAR 7:550 Sec 2(2)(d)5a
Sterile gloves	202 KAR 7:550 Sec 2(2)(d)5b
Bulb suction	202 KAR 7:550 Sec 2(2)(d)5c
Two (2) umbilical clamps	202 KAR 7:550 Sec 2(2)(d)5d
Thermal absorbent blanket and head cover, aluminum foil roll, or appropriate heat reflective material	202 KAR 7:550 Sec 2(2)(d)5e
<b>BLS Supplies</b>	
Sterile irrigation fluids	202 KAR 7:550 Sec 2(2)(6)
Glucometer or blood glucose measuring device with reagent strips and lancets for obtaining a blood glucose sample	202 KAR 7:550 Sec 2(2)(d)7
Oral glucose	202 KAR 7:550 Sec 2(2)(d)8
Cold packs	202 KAR 7:550 Sec 2(2)(d)9
Heat packs	202 KAR 7:550 Sec 2(2)(d)10
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13
<b>Splints, including:</b>	
Lower extremity mechanical traction splint in adult and pediatric sizes	202 KAR 7:550 Sec 2(2)(e)1
Upper and lower extremity rigid splint devices for adult and pediatric patients	202 KAR 7:550 Sec 2(2)(e)2
<b>Immobilization devices, including:</b>	
Short extrication and immobilization device	202 KAR 7:550 Sec 2(2)(f)1

Adult and pediatric impervious long spine boards or other full body immobilization devices with a minimum of three (3) appropriate restraint cross-straps	202 KAR 7:550 Sec 2(2)(f)2
<b>Cervical collars in the following sizes:</b>	
Cervical collars for pediatric patients ages two (2) years or older	202 KAR 7:550 Sec 2(2)(f)3a(i)
Cervical collars for adults in small, medium, large, and other available sizes OR Pedi and adult adjustable cervical collars	202 KAR 7:550 Sec 2(2)(f)3a(ii)
Towel rolls or other commercially available cervical immobilization devices for adults and pediatrics	202 KAR 7:550 Sec 2(2)(f)4
Two (2) currently certified five (5) pound size or larger, secured, ABC multipurpose fire extinguishers, approved by Underwriters Laboratory, Coast Guard, or Factory Mutual. One (1) shall be accessible to the driver and the other to the attendant or attendants in the patient compartment in the ambulance	202 KAR 7:550 Sec 2(2)(g)
Multi-position stretcher with wheels and a minimum of three (3) cross-straps in addition to one (1) set of shoulder straps for securing the patient to the stretcher and a fixed mechanism to secure the stretcher while in transit	202 KAR 7:550 Sec 2(2)(h)
fA pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)
<b>Personal protective equipment shall be available to each staff member responding on the vehicle, including:</b>	
One (1) clean scrub gown (or substitute, such as disposable coveralls)	202 KAR 7:550 Sec 2(3)(a)
Simple disposable face mask	202 KAR 7:550 Sec 2(3)(b)
Clear protective goggles or safety glasses	202 KAR 7:550 Sec 2(3)(c)
Disposable gloves	202 KAR 7:550 Sec 2(3)(d)
One (1) particulate filter mask rated at N95 or better without an exhaust port for patient use	202 KAR 7:550 Sec 2(3)(e)
One (1) particulate filter mask rated at N95 or better with or without an exhaust port for protection of crew members	202 KAR 7:550 Sec 2(3)(f)
A means of cleansing the hands, such disposable towlettes or other solutions.	202 KAR 7:550 Sec 2(3)(g)
<b>Cleaning materials shall be available including:</b>	
Hospital grade disinfectants	202 KAR 7:550 Sec 2(4)(a)
Trash bags for disposal of nonbiohazard waste materials	202 KAR 7:550 Sec 2(4)(b)
Biohazard bags for the disposal of biohazard waste	202 KAR 7:550 Sec 2(4)(c)

Puncture resistant containers for disposal of sharp objects that are secured to the vehicle.	202 KAR 7:550 Sec 2(4)(d)
<b>Patient comfort items shall be available including:</b>	
Two (2) clean blankets, sheets, pillows, and pillowcases	202 KAR 7:550 Sec 2(5)(a)
A disposable urinal	202 KAR 7:550 Sec 2(5)(b)
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)
An emesis container or similar substitute.	202 KAR 7:550 Sec 2(5)(d)
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 2(6)
<b>Endotracheal intubation equipment consisting of:</b>	
Laryngoscope handle with extra batteries, bulbs, or blades if applicable	202 KAR 7:550 Sec 3(2)(a)1
<b>Laryngoscope blades in the following sizes:</b>	
0-4, straight Miller	202 KAR 7:550 Sec 3(2)(a)2a
2-4, curved Macintosh	202 KAR 7:550 Sec 3(2)(a)2b
<b>Endotracheal tubes in the following sizes:</b>	
2.5, 3.0, 3.5, 4.0, 4.5, 5.0, and 5.5 cuffed or uncuffed	202 KAR 7:550 Sec 3(2)(a)3a
6.0, 6.5, 7.0, 7.5 and 8.0 cuffed	202 KAR 7:550 Sec 3(2)(a)3b
Stylettes in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)4
10-mL syringes	202 KAR 7:550 Sec 3(2)(a)5
Magill forceps in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)6
Water-soluble lubricant for lubrication of endotracheal and nasotracheal tubes	202 KAR 7:550 Sec 3(2)(a)7
End-Tidal CO2 detection capability (adult and pediatric)	202 KAR 7:550 Sec 3(2)(a)8
One-half (1/2) inch wide twill tape or equivalent for securing endotracheal tubes	202 KAR 7:550 Sec 3(2)(a)9
Equipment necessary to perform emergency percutaneous cricothyrotomy	202 KAR 7:550 Sec 3(2)(a)10
Disposable nebulizer	202 KAR 7:550 Sec 3(2)(a)11
<b>A portable, battery-operated monitor defibrillator that:</b>	
Has a tape write-out or recorder, hands-free defibrillator pads, electrocardiogram monitoring leads, and electrodes for adults and pediatrics	202 KAR 7:550 Sec 3(2)(b)1

Is capable of delivering direct current energy over a variable range, which is suitable for pediatric and adult usage	202 KAR 7:550 Sec 3(2)(b)2
Has synchronized counter-shock capability for cardioversion	202 KAR 7:550 Sec 3(2)(b)3
Has a transcutaneous cardiac pacemaker, including adult and pediatric pads and cables	202 KAR 7:550 Sec 3(2)(b)4
Has 12-Lead ECG capability if the vehicle is staffed to provide ALS services	202 KAR 7:550 Sec 3(2)(b)5
<b>Vascular Access supplies consisting of:</b>	
Isotonic crystalloid solutions	202 KAR 7:550 Sec 3(2)(c)1
Antiseptic solution (alcohol wipes and providone-iodine wipes)	202 KAR 7:550 Sec 3(2)(c)2
Intravenous catheters, 14G-24G	202 KAR 7:550 Sec 3(2)(c)3
Long-large bore needles or angiocatheters (at least 3.25 inches in length for needle chest decompression in large patients)	202 KAR 7:550 Sec 3(2)(c)4
Intraosseous needles or intraosseous devices appropriate for children and adults	202 KAR 7:550 Sec 3(2)(c)5
Latex-free tourniquet	202 KAR 7:550 Sec 3(2)(c)6
Needles of various sizes, including suitable sizes for intramuscular injections	202 KAR 7:550 Sec 3(2)(d)
Intravenous macrodrip and microdrip administrations sets	202 KAR 7:550 Sec 3(2)(e)
Intravenous arm boards, adult and pediatric, or appropriate substitute.	202 KAR 7:550 Sec 3(2)(f)
<b>Miscellaneous supplies, including:</b>	
Hand held flashlight capable of providing adequate lighting to assess a scene or a patient	202 KAR 7:550 Sec 2(2)(d)1
Penlight	202 KAR 7:550 Sec 2(2)(d)2
A copy or electronic equivalent of the 2016 U.S. Department of Transportation, Emergency Response Guidebook	202 KAR 7:550 Sec 2(2)(d)3
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4
Medications as required by the master drug list contained in protocols established in accordance with this section.	202 KAR 7:550 Sec 3(3)
Controlled drugs stored in a locked storage box in a locked compartment on the vehicle that is immediately accessible to personnel.	202 KAR 7:550 Sec 3(4)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)



Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)

## Class I BLS Equipment List

<b>Ambulance Operations</b>	
Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Sec 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Sec 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Sec 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Sec 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Sec 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Sec 1(2)(a)
An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star-of-Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019	202 KAR 7:550 Sec 1(2)(b, c, d, e)

shall comply fully with the ambulance design criteria contained in the Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Sec 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Sec 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550
Each BLS agency shall maintain evidence in the form of a letter that adult and pediatric medical protocols have been reviewed and approved by the board pursuant to KRS 311A.180. A hard copy or electronic equivalent of approved protocols shall be accessible to each provider throughout each call.	202 KAR 7:550 Sec 2(1)
<b>Suction, ventilation, and blood pressure equipment</b>	
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1
Rigid catheters	202 KAR 7:550 Sec 2(2)(a)2

Flexible catheters in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 2(2)(a)3
Bulb syringe for infant and neonate suction	202 KAR 7:550 Sec 2(2)(a)4
Disposable adult and pediatric bag-valve-mask with a pediatric pop-off valve with oxygen reservoir, oxygen tubing, and adult, pediatric, infant, and neonate masks	202 KAR 7:550 Sec 2(2)(a)5
Nasopharyngeal airways (16F-34F; adult and child sizes) with water-soluble lubricant	202 KAR 7:550 Sec 2(2)(a)6
Oropharyngeal airways (sizes 0-5; adult, child, and infant sizes)	202 KAR 7:550 Sec 2(2)(a)7
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8
Manual pediatric and adult regular and large sphygmomanometer cuffs with stethoscope.	202 KAR 7:550 Sec 2(2)(a)9
<b>Oxygen equipment</b>	
A fixed oxygen system for each ambulance	202 KAR 7:550 Sec 2(2)(b)1
Two (2) portable, adequately filled, secured oxygen tanks that are minimally size D	202 KAR 7:550 Sec 2(2)(b)2
Pressure gauge and flow rate regulator for fixed and portable units with a range of zero to fifteen (15) liters per minute	202 KAR 7:550 Sec 2(2)(b)3
Transparent non-rebreather oxygen masks and nasal cannulas for adults and pediatrics.	202 KAR 7:550 Sec 2(2)(b)4
<b>Bandages, bandaging supplies and tape, including:</b>	
Commercially packaged or sterile burn sheets	202 KAR 7:550 Sec 2(2)(c)1
Triangular bandages	202 KAR 7:550 Sec 2(2)(c)2
<b>Dressings of the following types:</b>	
Sterile dressings, including gauze sponges of suitable size	202 KAR 7:550 Sec 2(2)(c)3a
Abdominal dressings	202 KAR 7:550 Sec 2(2)(c)3b
Gauze rolls, various sizes	202 KAR 7:550 Sec 2(2)(c)4
Occlusive dressing, or equivalent	202 KAR 7:550 Sec 2(2)(c)5
Adhesive tape of various sizes (include one (1) inch and two (2) inch)	202 KAR 7:550 Sec 2(2)(c)6
Arterial tourniquet	202 KAR 7:550 Sec 2(2)(c)7
Shears for bandages.	202 KAR 7:550 Sec 2(2)(c)8
<b>Obstetrical supplies that shall include at a minimum:</b>	
Sterile scalpels or scissors	202 KAR 7:550

	Sec 2(2)(d)5a
Sterile gloves	202 KAR 7:550 Sec 2(2)(d)5b
Bulb suction	202 KAR 7:550 Sec 2(2)(d)5c
Two (2) umbilical clamps	202 KAR 7:550 Sec 2(2)(d)5d
Thermal absorbent blanket and head cover, aluminum foil roll, or appropriate heat reflective material, e.g., enough to cover newborn infant	202 KAR 7:550 Sec 2(2)(d)5e
<b>BLS Supplies</b>	
Sterile irrigation fluids	202 KAR 7:550 Sec 2(2)(6)
Glucometer or blood glucose measuring device with reagent strips and lancets for obtaining blood glucose sample	202 KAR 7:550 Sec 2(2)(d)7
Oral glucose	202 KAR 7:550 Sec 2(2)(d)8
Cold packs	202 KAR 7:550 Sec 2(2)(d)9
Heat packs	202 KAR 7:550 Sec 2(2)(d)10
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13
<b>Splints, including:</b>	
Lower extremity mechanical traction splint in adult and pediatric sizes	202 KAR 7:550 Sec 2(2)(e)1
Upper and lower extremity rigid splint devices for adult and pediatric patients	202 KAR 7:550 Sec 2(2)(e)2
<b>Immobilization devices, including:</b>	
Short extrication and immobilization device	202 KAR 7:550 Sec 2(2)(f)1
Adult and pediatric impervious long spine boards or other full body immobilization devices with a minimum of three (3) appropriate restraint cross-straps	202 KAR 7:550 Sec 2(2)(f)2
<b>Cervical collars in the following sizes:</b>	
Cervical collars for pediatric patients ages two (2) years or older	202 KAR 7:550 Sec 2(2)(f)3a(i)
Cervical collars for adults in small, medium, large, and other available sizes OR pediatric and adult adjustable cervical collars	202 KAR 7:550 Sec 2(2)(f)3a(ii)

Towel rolls or other commercially available cervical immobilization devices for adults and pediatrics	202 KAR 7:550 Sec 2(2)(f)4
Two (2) currently certified five (5) pound size or larger, secured, ABC multipurpose fire extinguishers, approved by Underwriters Laboratory, Coast Guard, or Factory Mutual. One (1) shall be accessible to the driver and the other to the attendant or attendants in the patient compartment in the ambulance	202 KAR 7:550 Sec 2(2)(g)
Multi-position stretcher with wheels and a minimum of three (3) cross-straps in addition to one (1) set of shoulder straps for securing the patient to the stretcher and a fixed mechanism to secure the stretcher while in transit	202 KAR 7:550 Sec 2(2)(h)
A pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)
<b>Personal protective equipment shall be available to each staff member responding on the vehicle, including:</b>	
One (1) clean scrub gown (or substitute, such as disposable coveralls)	202 KAR 7:550 Sec 2(3)(a)
Simple disposable face mask	202 KAR 7:550 Sec 2(3)(b)
Clear protective goggles or safety glasses	202 KAR 7:550 Sec 2(3)(c)
Disposable gloves	202 KAR 7:550 Sec 2(3)(d)
One (1) particulate filter mask rated at N95 or better without an exhaust port for patient use	202 KAR 7:550 Sec 2(3)(e)
One (1) particulate filter mask rated at N95 or better with or without an exhaust port for protection of crew members	202 KAR 7:550 Sec 2(3)(f)
A means of cleansing the hands, such disposable towlettes or other solutions.	202 KAR 7:550 Sec 2(3)(g)
<b>Cleaning materials shall be available including:</b>	
Hospital grade disinfectants	202 KAR 7:550 Sec 2(4)(a)
Trash bags for disposal of nonbiohazard waste materials	202 KAR 7:550 Sec 2(4)(b)
Biohazard bags for the disposal of biohazard waste	202 KAR 7:550 Sec 2(4)(c)
Puncture resistant containers for disposal of sharp objects that are secured to the vehicle.	202 KAR 7:550 Sec 2(4)(d)
<b>Patient comfort items shall be available including:</b>	
Two (2) clean blankets, sheets, pillows, and pillowcases	202 KAR 7:550 Sec 2(5)(a)
A disposable urinal	202 KAR 7:550

	Sec 2(5)(b)
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)
An emesis container or similar substitute.	202 KAR 7:550 Sec 2(5)(d)
<b>Miscellaneous supplies, including:</b>	
Hand held flashlight capable of providing adequate lighting to assess a scene or a patient	202 KAR 7:550 Sec 2(2)(d)1
Penlight	202 KAR 7:550 Sec 2(2)(d)2
A copy or electronic equivalent of the 2016 U.S. Department of Transportation, Emergency Response Guidebook	202 KAR 7:550 Sec 2(2)(d)3
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 3(3)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 2(6)

## Class II BLS Equipment List

<b>Ambulance Operations</b>	
Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Sec 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Sec 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Sec 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Sec 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Sec 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Sec 1(2)(a)
An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star-of-Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019 shall comply fully with the ambulance design criteria contained in the	202 KAR 7:550 Sec 1(2)(b, c, d, e)



Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Sec 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Sec 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550
Each BLS agency shall maintain evidence in the form of a letter that adult and pediatric medical protocols have been reviewed and approved by the board pursuant to KRS 311A.180. A hard copy or electronic equivalent of approved protocols shall be accessible to each provider throughout each call.	202 KAR 7:550 Sec 2(1)
<b>Suction, ventilation, and blood pressure equipment</b>	
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1
Rigid catheters	202 KAR 7:550 Sec 2(2) (a)2
Flexible catheters in adult, pediatric, and infant sizes	202 KAR 7:550

	Sec 2(2)(a)3
Bulb syringe for infant and neonate suction	202 KAR 7:550 Sec 2(2)(a)4
Disposable adult and pediatric bag-valve-mask with a pediatric pop-off valve with oxygen reservoir, oxygen tubing, and adult, pediatric, infant, and neonate masks	202 KAR 7:550 Sec 2(2)(a)5
Nasopharyngeal airways (16F-34F; adult and child sizes) with water-soluble lubricant	202 KAR 7:550 Sec 2(2)(a)6
Oropharyngeal airways (sizes 0-5; adult, child, and infant sizes)	202 KAR 7:550 Sec 2(2)(a)7
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8
Manual pediatric and adult regular and large sphygmomanometer cuffs with stethoscope.	202 KAR 7:550 Sec 2(2)(a)9
<b>Oxygen equipment</b>	
A fixed oxygen system for each ambulance	202 KAR 7:550 Sec 2(2)(b)1
Two (2) portable, adequately filled, secured oxygen tanks that are minimally size D	202 KAR 7:550 Sec 2(2)(b)2
Pressure gauge and flow rate regulator for fixed and portable units with a range of zero to fifteen (15) liters per minute	202 KAR 7:550 Sec 2(2)(b)3
Transparent non-rebreather oxygen masks and nasal cannulas for adults and pediatrics.	202 KAR 7:550 Sec 2(2)(b)4
<b>Bandages, bandaging supplies and tape, including:</b>	
Commercially packaged or sterile burn sheets	202 KAR 7:550 Sec 2(2)(c)1
Triangular bandages	202 KAR 7:550 Sec 2(2)(c)2
<b>Dressings of the following types:</b>	
Sterile dressings, including gauze sponges of suitable size	202 KAR 7:550 Sec 2(2)(c)3a
Abdominal dressings	202 KAR 7:550 Sec 2(2)(c)3b
Gauze rolls, various sizes	202 KAR 7:550 Sec 2(2)(c)4
Occlusive dressing, or equivalent	202 KAR 7:550 Sec 2(2)(c)5
Adhesive tape of various sizes (include one (1) inch and two (2) inch)	202 KAR 7:550 Sec 2(2)(c)6
Arterial tourniquet	202 KAR 7:550 Sec 2(2)(c)7
Shears for bandages.	202 KAR 7:550 Sec 2(2)(c)8
<b>Obstetrical supplies that shall include at a minimum:</b>	
Sterile scalpels or scissors	202 KAR 7:550 Sec 2(2)(d)5a

Sterile gloves	202 KAR 7:550 Sec 2(2)(d)5b
Bulb suction	202 KAR 7:550 Sec 2(2)(d)5c
Two (2) umbilical clamps	202 KAR 7:550 Sec 2(2)(d)5d
Thermal absorbent blanket and head cover, aluminum foil roll, or appropriate heat reflective material, e.g., enough to cover newborn infant	202 KAR 7:550 Sec 2(2)(d)5e
<b>BLS Supplies</b>	
Sterile irrigation fluids	202 KAR 7:550 Sec 2(2)(6)
Glucometer or blood glucose measuring device with reagent strips and lancets for obtaining blood glucose sample	202 KAR 7:550 Sec 2(2)(d)7
Oral glucose	202 KAR 7:550 Sec 2(2)(d)8
Cold packs	202 KAR 7:550 Sec 2(2)(d)9
Heat packs	202 KAR 7:550 Sec 2(2)(d)10
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13
<b>Splints, including:</b>	
Lower extremity mechanical traction splint in adult and pediatric sizes	202 KAR 7:550 Sec 2(2)(e)1
Upper and lower extremity rigid splint devices for adult and pediatric patients	202 KAR 7:550 Sec 2(2)(e)2
<b>Immobilization devices, including:</b>	
Short extrication and immobilization device	202 KAR 7:550 Sec 2(2)(f)1
Adult and pediatric impervious long spine boards or other full body immobilization devices with a minimum of three (3) appropriate restraint cross-straps	202 KAR 7:550 Sec 2(2)(f)2
<b>Cervical collars in the following sizes:</b>	
Cervical collars for pediatric patients ages two (2) years or older	202 KAR 7:550 Sec 2(2)(f)3a(i)
Cervical collars for adults in small, medium, large, and other available sizes OR pediatric and adult adjustable cervical collars	202 KAR 7:550 Sec 2(2)(f)3a(ii)

Towel rolls or other commercially available cervical immobilization devices for adults and pediatrics	202 KAR 7:550 Sec 2(2)(f)4
Two (2) currently certified five (5) pound size or larger, secured, ABC multipurpose fire extinguishers, approved by Underwriters Laboratory, Coast Guard, or Factory Mutual. One (1) shall be accessible to the driver and the other to the attendant or attendants in the patient compartment in the ambulance	202 KAR 7:550 Sec 2(2)(g)
Multi-position stretcher with wheels and a minimum of three (3) cross-straps in addition to one (1) set of shoulder straps for securing the patient to the stretcher and a fixed mechanism to secure the stretcher while in transit	202 KAR 7:550 Sec 2(2)(h)
A pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)
<b>Personal protective equipment shall be available to each staff member responding on the vehicle, including:</b>	
One (1) clean scrub gown (or substitute, such as disposable coveralls)	202 KAR 7:550 Sec 2(3)(a)
Simple disposable face mask	202 KAR 7:550 Sec 2(3)(b)
Clear protective goggles or safety glasses	202 KAR 7:550 Sec 2(3)(c)
Disposable gloves	202 KAR 7:550 Sec 2(3)(d)
One (1) particulate filter mask rated at N95 or better without an exhaust port for patient use	202 KAR 7:550 Sec 2(3)(e)
One (1) particulate filter mask rated at N95 or better with or without an exhaust port for protection of crew members	202 KAR 7:550 Sec 2(3)(f)
A means of cleansing the hands, such disposable towlettes or other solutions.	202 KAR 7:550 Sec 2(3)(g)
<b>Cleaning materials shall be available including:</b>	
Hospital grade disinfectants	202 KAR 7:550 Sec 2(4)(a)
Trash bags for disposal of nonbiohazard waste materials	202 KAR 7:550 Sec 2(4)(b)
Biohazard bags for the disposal of biohazard waste	202 KAR 7:550 Sec 2(4)(c)
Puncture resistant containers for disposal of sharp objects that are secured to the vehicle.	202 KAR 7:550 Sec 2(4)(d)
<b>Patient comfort items shall be available including:</b>	
Two (2) clean blankets, sheets, pillows, and pillowcases	202 KAR 7:550 Sec 2(5)(a)
A disposable urinal	202 KAR 7:550

	Sec 2(5)(b)
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)
An emesis container or similar substitute.	202 KAR 7:550 Sec 2(5)(d)
<b>Miscellaneous supplies, including:</b>	
Hand held flashlight capable of providing adequate lighting to assess a scene or a patient	202 KAR 7:550 Sec 2(2)(d)1
Penlight	202 KAR 7:550 Sec 2(2)(d)2
A copy or electronic equivalent of the 2016 U.S. Department of Transportation, Emergency Response Guidebook	202 KAR 7:550 Sec 2(2)(d)3
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 3(3)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 2(6)

# Class III Neonatal Specialty Care Equipment List

## Ambulance Operations

Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Sec 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Sec 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Sec 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Sec 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Sec 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Sec 1(2)(a)
An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star- Legislative Research Commission PDF Version Page: 2 of-Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no	202 KAR 7:550 Sec 1(2)(b, c, d, e)

modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019 shall comply fully with the ambulance design criteria contained in the Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Sec 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Sec 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550
<b>Neonatal Specialty Equipment</b>	
Direct two-way communications with the designated neonatologist, attending physician, or receiving NICU	202 KAR 7:550 Sec 6(2)(a)
A standby or backup power source other than the one (1) contained in the isolette	202 KAR 7:550 Sec 6(b)

A source of electrical power sufficient to operate the isolette and ancillary electrically powered equipment	202 KAR 7:550 Sec 6(c)
A transport incubator with portable power supply, portable oxygen tanks, or liquid oxygen, and a source of compressed air, including appropriate valves, meters, and fittings. The transport incubator shall be secured in the vehicle using a manufacturer-approved vehicle mounting device	202 KAR 7:550 Sec 6(d)
One (1) portable heart rate monitor with visual or audible display and alarm system per patient	202 KAR 7:550 Sec 6(e)
One (1) portable blood pressure monitor with an assortment of cuff sizes suitable for infants	202 KAR 7:550 Sec 6(f)
Three (3) battery powered mechanical IV pumps capable of delivering as low as 1cc increments for IV fluids	202 KAR 7:550 Sec 6(g)
A battery or self-powered oxygen sensor and transcutaneous oxygen monitor or oxygen Saturation monitor	202 KAR 7:550 Sec 6(h)
Oxygen delivery devices and tubing capable of administering high concentrations of oxygen	202 KAR 7:550 Sec 6(i)
A temperature-monitoring device	202 KAR 7:550 Sec 6(j)
A portable ventilator appropriate for neonatal patients	202 KAR 7:550 Sec 6(k)
An anesthesia or self-inflating bag with an oxygen reservoir of less than 750 ml, a manometer pressure gauge, and premature newborn and infant size clear masks	202 KAR 7:550 Sec 6(l)
A laryngoscope handle	202 KAR 7:550 Sec 6(m)
Laryngoscope Blades in Miller sizes 00, 0, 1, 2, 3	202 KAR 7:550 Sec 6(n)
Two (2) bulbs	202 KAR 7:550 Sec 6(o)
Two (2) batteries	202 KAR 7:550 Sec 6(p)
Endotracheal tubes in various sizes	202 KAR 7:550 Sec 6(q)
Two (2) stylets	202 KAR 7:550 Sec 6(r)
Two (2) meconium aspirators	202 KAR 7:550 Sec 6(s)
Oral airways in various sizes	202 KAR 7:550 Sec 6(t)
Suction equipment with low suction capabilities of less than eighty (80) mmHg	202 KAR 7:550 Sec 6(u)
Two (2) suction catheters in sizes 5.0, 6, 6.5, 8, and 10 each	202 KAR 7:550



	Sec 6(v)
Syringes sizes 1 cc through 60 cc in various sizes	202 KAR 7:550 Sec 6(w)
Two (2) medication access devices	202 KAR 7:550 Sec 6(x)
23-27 gauge vascular access devices in various sizes	202 KAR 7:550 Sec 6(y)
Sterile gloves in various sizes and sufficient quantity for all crewmembers	202 KAR 7:550 Sec 6(z)
Medications as required by the master drug list contained in protocols established in accordance with this section	202 KAR 7:550 Sec 6(aa)
IV extension tubing in sufficient length to administer IV fluids or medications	202 KAR 7:550 Sec 6(bb)
IV securing devices in various sizes	202 KAR 7:550 Sec 6(cc)
Two (2) IV filters	202 KAR 7:550 Sec 6(dd)
Two (2) umbilical catheters, sizes 3.5 and 5	202 KAR 7:550 Sec 6(ee)
Ten (10) antiseptic solution wipes	202 KAR 7:550 Sec 6(ff)
One (1) blood glucose-monitoring device	202 KAR 7:550 Sec 6(gg)
Five (5) lancets for obtaining a blood glucose sample	202 KAR 7:550 Sec 6(hh)
One (1) neonatal stethoscope	202 KAR 7:550 Sec 6(ii)
One (1) flashlight	202 KAR 7:550 Sec 6(jj)
Gauze pads	202 KAR 7:550 Sec 6(kk)
One (1) No. 5 and one (1) No. 8 French feeding tube	202 KAR 7:550 Sec 6(ll)
One (1) high intensity light capable of transillumination	202 KAR 7:550 Sec 6(mm)
A biomedical waste plastic bag or impervious container	202 KAR 7:550 Sec 6(nn)
Puncture resistant containers for disposal of sharp objects that shall be secured to the vehicle	202 KAR 7:550 Sec 6(oo)
Gloves made of nitrile or other suitable materials in sufficient quantity for all crew members	202 KAR 7:550 Sec 6(pp)
Respiratory face masks in sufficient quantity for all crew members	202 KAR 7:550 Sec 6(qq)
Special procedure trays or instruments capable of performing umbilical catheterization, venous cutdown, and thoracostomy in accordance with established protocol	202 KAR 7:550 Sec 6(rr)
One (1) bulb syringe	202 KAR 7:550

	Sec 6(ss)
One (1) cord clamp	202 KAR 7:550 Sec 6(tt)
One (1) age appropriate chest tube evacuation device	202 KAR 7:550 Sec 6(uu)
Needle aspiration device or chest tubes in appropriate sizes for a neonate patient	202 KAR 7:550 Sec 6(VV)

## Class III Pedi Specialty Care Equipment List

### Ambulance Operations

Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Section 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Section 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Section 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Section 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Section 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Section 1(2)(a)

An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star- Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019 shall comply fully with the ambulance design criteria contained in the Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	202 KAR 7:550 Section 1(2)(b, c, d, e)
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Section 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Section 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550

Each BLS agency shall maintain evidence in the form of a letter that adult and pediatric medical protocols have been reviewed and approved by the board pursuant to KRS 311A.180. A hard copy or electronic equivalent of approved protocols shall be accessible to each provider throughout each call.	202 KAR 7:550 Sec 2(1)
<b>Suction, ventilation, and blood pressure equipment</b>	
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1
Rigid catheters	202 KAR 7:550 Sec 2(2)(a)2
Flexible catheters in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 2(2)(a)3
Bulb syringe for infant and neonate suction	202 KAR 7:550 Sec 2(2)(a)4
Disposable adult and pediatric bag-valve-mask with a pediatric pop-off valve with oxygen reservoir, oxygen tubing, and adult, pediatric, infant, and neonate masks	202 KAR 7:550 Sec 2(2)(a)5
Nasopharyngeal airways (16F-34F; adult and child sizes) with water-soluble lubricant	202 KAR 7:550 Sec 2(2)(a)6
Oropharyngeal airways (sizes 0-5; adult, child, and infant sizes)	202 KAR 7:550 Sec 2(2)(a)7
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8
Manual pediatric and adult regular and large sphygmomanometer cuffs with stethoscope.	202 KAR 7:550 Sec 2(2)(a)9
<b>Oxygen equipment</b>	
A fixed oxygen system for each ambulance	202 KAR 7:550 Sec 2(2)(b)1
Two (2) portable, adequately filled, secured oxygen tanks that are minimally size D	202 KAR 7:550 Sec 2(2)(b)2
Pressure gauge and flow rate regulator for fixed and portable units with a range of zero to fifteen (15) liters per minute	202 KAR 7:550 Sec 2(2)(b)3
Transparent non-rebreather oxygen masks and nasal cannulas for adults and pediatrics.	202 KAR 7:550 Sec 2(2)(b)4
<b>Bandages, bandaging supplies and tape, including:</b>	
Commercially packaged or sterile burn sheets	202 KAR 7:550 Sec 2(2)(c)1
Triangular bandages	202 KAR 7:550 Sec 2(2)(c)2
<b>Dressings of the following types:</b>	
Sterile dressings, including gauze sponges of suitable size	202 KAR 7:550 Sec 2(2)(c)3a
Abdominal dressings	202 KAR 7:550 Sec 2(2)(c)3b
Gauze rolls, various sizes	202 KAR 7:550 Sec 2(2)(c)4

Occlusive dressing, or equivalent	202 KAR 7:550 Sec 2(2)(c)5
Adhesive tape of various sizes (include one (1) inch and two (2) inch)	202 KAR 7:550 Sec 2(2)(c)6
Arterial tourniquet	202 KAR 7:550 Sec 2(2)(c)7
Shears for bandages.	202 KAR 7:550 Sec 2(2)(c)8
<b>Obstetrical supplies that shall include at a minimum:</b>	
Sterile scalpels or scissors	202 KAR 7:550 Sec 2(2)(d)5a
Sterile gloves	202 KAR 7:550 Sec 2(2)(d)5b
Bulb suction	202 KAR 7:550 Sec 2(2)(d)5c
Two (2) umbilical clamps	202 KAR 7:550 Sec 2(2)(d)5d
Thermal absorbent blanket and head cover, aluminum foil roll, or appropriate heat reflective material	202 KAR 7:550 Sec 2(2)(d)5e
<b>BLS Supplies</b>	
Sterile irrigation fluids	202 KAR 7:550 Sec 2(2)(6)
Glucometer or blood glucose measuring device with reagent strips and lancets for obtaining a blood glucose sample	202 KAR 7:550 Sec 2(2)(d)7
Oral glucose	202 KAR 7:550 Sec 2(2)(d)8
Cold packs	202 KAR 7:550 Sec 2(2)(d)9
Heat packs	202 KAR 7:550 Sec 2(2)(d)10
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13
<b>Splints, including:</b>	
Lower extremity mechanical traction splint in adult and pediatric sizes	202 KAR 7:550 Sec 2(2)(e)1
Upper and lower extremity rigid splint devices for adult and pediatric patients	202 KAR 7:550 Sec 2(2)(e)2
<b>Immobilization devices, including:</b>	
Short extrication and immobilization device	202 KAR 7:550 Sec 2(2)(f)1

Adult and pediatric impervious long spine boards or other full body immobilization devices with a minimum of three (3) appropriate restraint cross-straps	202 KAR 7:550 Sec 2(2)(f)2
<b>Cervical collars in the following sizes:</b>	
Cervical collars for pediatric patients ages two (2) years or older	202 KAR 7:550 Sec 2(2)(f)3a(i)
Cervical collars for adults in small, medium, large, and other available sizes OR Pedi and adult adjustable cervical collars	202 KAR 7:550 Sec 2(2)(f)3a(ii)
Towel rolls or other commercially available cervical immobilization devices for adults and pediatrics	202 KAR 7:550 Sec 2(2)(f)4
Two (2) currently certified five (5) pound size or larger, secured, ABC multipurpose fire extinguishers, approved by Underwriters Laboratory, Coast Guard, or Factory Mutual. One (1) shall be accessible to the driver and the other to the attendant or attendants in the patient compartment in the ambulance	202 KAR 7:550 Sec 2(2)(g)
Multi-position stretcher with wheels and a minimum of three (3) cross-straps in addition to one (1) set of shoulder straps for securing the patient to the stretcher and a fixed mechanism to secure the stretcher while in transit	202 KAR 7:550 Sec 2(2)(h)
fA pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)
<b>Personal protective equipment shall be available to each staff member responding on the vehicle, including:</b>	
One (1) clean scrub gown (or substitute, such as disposable coveralls)	202 KAR 7:550 Sec 2(3)(a)
Simple disposable face mask	202 KAR 7:550 Sec 2(3)(b)
Clear protective goggles or safety glasses	202 KAR 7:550 Sec 2(3)(c)
Disposable gloves	202 KAR 7:550 Sec 2(3)(d)
One (1) particulate filter mask rated at N95 or better without an exhaust port for patient use	202 KAR 7:550 Sec 2(3)(e)
One (1) particulate filter mask rated at N95 or better with or without an exhaust port for protection of crew members	202 KAR 7:550 Sec 2(3)(f)
A means of cleansing the hands, such disposable towlettes or other solutions.	202 KAR 7:550 Sec 2(3)(g)
<b>Cleaning materials shall be available including:</b>	
Hospital grade disinfectants	202 KAR 7:550 Sec 2(4)(a)
Trash bags for disposal of nonbiohazard waste materials	202 KAR 7:550 Sec 2(4)(b)
Biohazard bags for the disposal of biohazard waste	202 KAR 7:550 Sec 2(4)(c)

Puncture resistant containers for disposal of sharp objects that are secured to the vehicle.	202 KAR 7:550 Sec 2(4)(d)
<b>Patient comfort items shall be available including:</b>	
Two (2) clean blankets, sheets, pillows, and pillowcases	202 KAR 7:550 Sec 2(5)(a)
A disposable urinal	202 KAR 7:550 Sec 2(5)(b)
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)
An emesis container or similar substitute.	202 KAR 7:550 Sec 2(5)(d)
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 2(6)
<b>Endotracheal intubation equipment consisting of:</b>	
Laryngoscope handle with extra batteries, bulbs, or blades if applicable	202 KAR 7:550 Sec 3(2)(a)1
<b>Laryngoscope blades in the following sizes:</b>	
0-4, straight Miller	202 KAR 7:550 Sec 3(2)(a)2a
2-4, curved Macintosh	202 KAR 7:550 Sec 3(2)(a)2b
<b>Endotracheal tubes in the following sizes:</b>	
2.5, 3.0, 3.5, 4.0, 4.5, 5.0, and 5.5 cuffed or uncuffed	202 KAR 7:550 Sec 3(2)(a)3a
6.0, 6.5, 7.0, 7.5 and 8.0 cuffed	202 KAR 7:550 Sec 3(2)(a)3b
Stylettes in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)4
10-mL syringes	202 KAR 7:550 Sec 3(2)(a)5
Magill forceps in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)6
Water-soluble lubricant for lubrication of endotracheal and nasotracheal tubes	202 KAR 7:550 Sec 3(2)(a)7
End-Tidal CO2 detection capability (adult and pediatric)	202 KAR 7:550 Sec 3(2)(a)8
One-half (1/2) inch wide twill tape or equivalent for securing endotracheal tubes	202 KAR 7:550 Sec 3(2)(a)9
Equipment necessary to perform emergency percutaneous cricothyrotomy	202 KAR 7:550 Sec 3(2)(a)10
Disposable nebulizer	202 KAR 7:550 Sec 3(2)(a)11
<b>A portable, battery-operated monitor defibrillator that:</b>	
Has a tape write-out or recorder, hands-free defibrillator pads, electrocardiogram monitoring leads, and electrodes for adults and pediatrics	202 KAR 7:550 Sec 3(2)(b)1



Is capable of delivering direct current energy over a variable range, which is suitable for pediatric and adult usage	202 KAR 7:550 Sec 3(2)(b)2
Has synchronized counter-shock capability for cardioversion	202 KAR 7:550 Sec 3(2)(b)3
Has a transcutaneous cardiac pacemaker, including adult and pediatric pads and cables	202 KAR 7:550 Sec 3(2)(b)4
Has 12-Lead ECG capability if the vehicle is staffed to provide ALS services	202 KAR 7:550 Sec 3(2)(b)5
<b>Vascular Access supplies consisting of:</b>	
Isotonic crystalloid solutions	202 KAR 7:550 Sec 3(2)(c)1
Antiseptic solution (alcohol wipes and providone-iodine wipes)	202 KAR 7:550 Sec 3(2)(c)2
Intravenous catheters, 14G-24G	202 KAR 7:550 Sec 3(2)(c)3
Long-large bore needles or angiocatheters (at least 3.25 inches in length for needle chest decompression in large patients)	202 KAR 7:550 Sec 3(2)(c)4
Intraosseous needles or intraosseous devices appropriate for children and adults	202 KAR 7:550 Sec 3(2)(c)5
Latex-free tourniquet	202 KAR 7:550 Sec 3(2)(c)6
Needles of various sizes, including suitable sizes for intramuscular injections	202 KAR 7:550 Sec 3(2)(d)
Intravenous macrodrip and microdrip administrations sets	202 KAR 7:550 Sec 3(2)(e)
Intravenous arm boards, adult and pediatric, or appropriate substitute.	202 KAR 7:550 Sec 3(2)(f)
<b>Miscellaneous supplies, including:</b>	
Hand held flashlight capable of providing adequate lighting to assess a scene or a patient	202 KAR 7:550 Sec 2(2)(d)1
Penlight	202 KAR 7:550 Sec 2(2)(d)2
A copy or electronic equivalent of the 2016 U.S. Department of Transportation, Emergency Response Guidebook	202 KAR 7:550 Sec 2(2)(d)3
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4
Medications as required by the master drug list contained in protocols established in accordance with this section.	202 KAR 7:550 Sec 3(3)
Controlled drugs stored in a locked storage box in a locked compartment on the vehicle that is immediately accessible to personnel.	202 KAR 7:550 Sec 3(4)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)

Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)
<b>Adult Critical Care Equipment</b>	
A portable transport ventilator, the capabilities of which shall include: 1. Controlling rate; 2. Volume; 3. FiO2 up to 100 percent; 4. I:E ratio; 5. PEEP; 6. Volume control; 7. Pressure control; 8. SIMV mode; 9. NPPV mode; and 10. Low- and high-pressure warning alarms	202 KAR 7:550 Sec 4(a)1-10
Two (2) portable transport ventilator circuits appropriately sized for the patient being transported	202 KAR 7:550 Sec 4(b)
Continuous Positive Airway Pressure (CPAP) ventilation portable equipment	202 KAR 7:550 Sec 4(c)
Electronic waveform capnography, intubated patient, capable of waveform display	202 KAR 7:550 Sec 4(d)
Difficult airway equipment in the form of a bougie gum elastic ET introducer	202 KAR 7:550 Sec 4(e)
Sterile cricothyrotomy set, surgical or needle	202 KAR 7:550 Sec 4(f)
Invasive pressure monitoring capability electronic waveform available on two (2) channels	202 KAR 7:550 Sec 4(g)
An infusion pump or pumps capable of infusing three (3) separate medications simultaneously	202 KAR 7:550 Sec 4(h)
Six (6) IV infusion pump tubing sets	202 KAR 7:550 Sec 4(i)
Two (2) blood infusion sets	202 KAR 7:550 Sec 4(j)
A device to monitor core body temperature through rectal or esophageal probe	202 KAR 7:550 Sec 4(k)
<b>Pediatric Specialty Care Equipment</b>	
Two (2) 250 ml bags of normal saline or lactated ringers	202 KAR 7:550 Sec 5(a)
Twelve (12) syringes assorted from 1cc to 2cc	202 KAR 7:550 Sec 5(b)
Four (4) three-way stopcocks	202 KAR 7:550 Sec 5(c)
A needle cricothyrotomy kit for children from the ages of twenty-nine (29) days until twenty-one (21) years of age	202 KAR 7:550 Sec 5(d)
A blind-insertion airway device (BIAD) in appropriate sizes for children from the ages of twenty-nine (29) days until twenty-one (21) years of age.	202 KAR 7:550 Sec 5(e)

## Class III Adult Critical Care Equipment List

### Ambulance Operations

Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Section 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Section 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Section 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Section 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Section 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Section 1(2)(a)

An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star- Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019 shall comply fully with the ambulance design criteria contained in the Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	202 KAR 7:550 Section 1(2)(b, c, d, e)
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Section 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Section 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550

Each BLS agency shall maintain evidence in the form of a letter that adult and pediatric medical protocols have been reviewed and approved by the board pursuant to KRS 311A.180. A hard copy or electronic equivalent of approved protocols shall be accessible to each provider throughout each call.	202 KAR 7:550 Sec 2(1)
<b>Suction, ventilation, and blood pressure equipment</b>	
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1
Rigid catheters	202 KAR 7:550 Sec 2(2)(a)2
Flexible catheters in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 2(2)(a)3
Bulb syringe for infant and neonate suction	202 KAR 7:550 Sec 2(2)(a)4
Disposable adult and pediatric bag-valve-mask with a pediatric pop-off valve with oxygen reservoir, oxygen tubing, and adult, pediatric, infant, and neonate masks	202 KAR 7:550 Sec 2(2)(a)5
Nasopharyngeal airways (16F-34F; adult and child sizes) with water-soluble lubricant	202 KAR 7:550 Sec 2(2)(a)6
Oropharyngeal airways (sizes 0-5; adult, child, and infant sizes)	202 KAR 7:550 Sec 2(2)(a)7
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8
Manual pediatric and adult regular and large sphygmomanometer cuffs with stethoscope.	202 KAR 7:550 Sec 2(2)(a)9
<b>Oxygen equipment</b>	
A fixed oxygen system for each ambulance	202 KAR 7:550 Sec 2(2)(b)1
Two (2) portable, adequately filled, secured oxygen tanks that are minimally size D	202 KAR 7:550 Sec 2(2)(b)2
Pressure gauge and flow rate regulator for fixed and portable units with a range of zero to fifteen (15) liters per minute	202 KAR 7:550 Sec 2(2)(b)3
Transparent non-rebreather oxygen masks and nasal cannulas for adults and pediatrics.	202 KAR 7:550 Sec 2(2)(b)4
<b>Bandages, bandaging supplies and tape, including:</b>	
Commercially packaged or sterile burn sheets	202 KAR 7:550 Sec 2(2)(c)1
Triangular bandages	202 KAR 7:550 Sec 2(2)(c)2
<b>Dressings of the following types:</b>	
Sterile dressings, including gauze sponges of suitable size	202 KAR 7:550 Sec 2(2)(c)3a
Abdominal dressings	202 KAR 7:550 Sec 2(2)(c)3b
Gauze rolls, various sizes	202 KAR 7:550 Sec 2(2)(c)4

Occlusive dressing, or equivalent	202 KAR 7:550 Sec 2(2)(c)5
Adhesive tape of various sizes (include one (1) inch and two (2) inch)	202 KAR 7:550 Sec 2(2)(c)6
Arterial tourniquet	202 KAR 7:550 Sec 2(2)(c)7
Shears for bandages.	202 KAR 7:550 Sec 2(2)(c)8
<b>Obstetrical supplies that shall include at a minimum:</b>	
Sterile scalpels or scissors	202 KAR 7:550 Sec 2(2)(d)5a
Sterile gloves	202 KAR 7:550 Sec 2(2)(d)5b
Bulb suction	202 KAR 7:550 Sec 2(2)(d)5c
Two (2) umbilical clamps	202 KAR 7:550 Sec 2(2)(d)5d
Thermal absorbent blanket and head cover, aluminum foil roll, or appropriate heat reflective material	202 KAR 7:550 Sec 2(2)(d)5e
<b>BLS Supplies</b>	
Sterile irrigation fluids	202 KAR 7:550 Sec 2(2)(6)
Glucometer or blood glucose measuring device with reagent strips and lancets for obtaining a blood glucose sample	202 KAR 7:550 Sec 2(2)(d)7
Oral glucose	202 KAR 7:550 Sec 2(2)(d)8
Cold packs	202 KAR 7:550 Sec 2(2)(d)9
Heat packs	202 KAR 7:550 Sec 2(2)(d)10
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13
<b>Splints, including:</b>	
Lower extremity mechanical traction splint in adult and pediatric sizes	202 KAR 7:550 Sec 2(2)(e)1
Upper and lower extremity rigid splint devices for adult and pediatric patients	202 KAR 7:550 Sec 2(2)(e)2
<b>Immobilization devices, including:</b>	
Short extrication and immobilization device	202 KAR 7:550 Sec 2(2)(f)1

Adult and pediatric impervious long spine boards or other full body immobilization devices with a minimum of three (3) appropriate restraint cross-straps	202 KAR 7:550 Sec 2(2)(f)2
<b>Cervical collars in the following sizes:</b>	
Cervical collars for pediatric patients ages two (2) years or older	202 KAR 7:550 Sec 2(2)(f)3a(i)
Cervical collars for adults in small, medium, large, and other available sizes OR Pedi and adult adjustable cervical collars	202 KAR 7:550 Sec 2(2)(f)3a(ii)
Towel rolls or other commercially available cervical immobilization devices for adults and pediatrics	202 KAR 7:550 Sec 2(2)(f)4
Two (2) currently certified five (5) pound size or larger, secured, ABC multipurpose fire extinguishers, approved by Underwriters Laboratory, Coast Guard, or Factory Mutual. One (1) shall be accessible to the driver and the other to the attendant or attendants in the patient compartment in the ambulance	202 KAR 7:550 Sec 2(2)(g)
Multi-position stretcher with wheels and a minimum of three (3) cross-straps in addition to one (1) set of shoulder straps for securing the patient to the stretcher and a fixed mechanism to secure the stretcher while in transit	202 KAR 7:550 Sec 2(2)(h)
fA pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)
<b>Personal protective equipment shall be available to each staff member responding on the vehicle, including:</b>	
One (1) clean scrub gown (or substitute, such as disposable coveralls)	202 KAR 7:550 Sec 2(3)(a)
Simple disposable face mask	202 KAR 7:550 Sec 2(3)(b)
Clear protective goggles or safety glasses	202 KAR 7:550 Sec 2(3)(c)
Disposable gloves	202 KAR 7:550 Sec 2(3)(d)
One (1) particulate filter mask rated at N95 or better without an exhaust port for patient use	202 KAR 7:550 Sec 2(3)(e)
One (1) particulate filter mask rated at N95 or better with or without an exhaust port for protection of crew members	202 KAR 7:550 Sec 2(3)(f)
A means of cleansing the hands, such disposable towlettes or other solutions.	202 KAR 7:550 Sec 2(3)(g)
<b>Cleaning materials shall be available including:</b>	
Hospital grade disinfectants	202 KAR 7:550 Sec 2(4)(a)
Trash bags for disposal of nonbiohazard waste materials	202 KAR 7:550 Sec 2(4)(b)
Biohazard bags for the disposal of biohazard waste	202 KAR 7:550 Sec 2(4)(c)

Puncture resistant containers for disposal of sharp objects that are secured to the vehicle.	202 KAR 7:550 Sec 2(4)(d)
<b>Patient comfort items shall be available including:</b>	
Two (2) clean blankets, sheets, pillows, and pillowcases	202 KAR 7:550 Sec 2(5)(a)
A disposable urinal	202 KAR 7:550 Sec 2(5)(b)
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)
An emesis container or similar substitute.	202 KAR 7:550 Sec 2(5)(d)
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 2(6)
<b>Endotracheal intubation equipment consisting of:</b>	
Laryngoscope handle with extra batteries, bulbs, or blades if applicable	202 KAR 7:550 Sec 3(2)(a)1
<b>Laryngoscope blades in the following sizes:</b>	
0-4, straight Miller	202 KAR 7:550 Sec 3(2)(a)2a
2-4, curved Macintosh	202 KAR 7:550 Sec 3(2)(a)2b
<b>Endotracheal tubes in the following sizes:</b>	
2.5, 3.0, 3.5, 4.0, 4.5, 5.0, and 5.5 cuffed or uncuffed	202 KAR 7:550 Sec 3(2)(a)3a
6.0, 6.5, 7.0, 7.5 and 8.0 cuffed	202 KAR 7:550 Sec 3(2)(a)3b
Stylettes in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)4
10-mL syringes	202 KAR 7:550 Sec 3(2)(a)5
Magill forceps in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)6
Water-soluble lubricant for lubrication of endotracheal and nasotracheal tubes	202 KAR 7:550 Sec 3(2)(a)7
End-Tidal CO2 detection capability (adult and pediatric)	202 KAR 7:550 Sec 3(2)(a)8
One-half (1/2) inch wide twill tape or equivalent for securing endotracheal tubes	202 KAR 7:550 Sec 3(2)(a)9
Equipment necessary to perform emergency percutaneous cricothyrotomy	202 KAR 7:550 Sec 3(2)(a)10
Disposable nebulizer	202 KAR 7:550 Sec 3(2)(a)11
<b>A portable, battery-operated monitor defibrillator that:</b>	
Has a tape write-out or recorder, hands-free defibrillator pads, electrocardiogram monitoring leads, and electrodes for adults and pediatrics	202 KAR 7:550 Sec 3(2)(b)1



Is capable of delivering direct current energy over a variable range, which is suitable for pediatric and adult usage	202 KAR 7:550 Sec 3(2)(b)2
Has synchronized counter-shock capability for cardioversion	202 KAR 7:550 Sec 3(2)(b)3
Has a transcutaneous cardiac pacemaker, including adult and pediatric pads and cables	202 KAR 7:550 Sec 3(2)(b)4
Has 12-Lead ECG capability if the vehicle is staffed to provide ALS services	202 KAR 7:550 Sec 3(2)(b)5
<b>Vascular Access supplies consisting of:</b>	
Isotonic crystalloid solutions	202 KAR 7:550 Sec 3(2)(c)1
Antiseptic solution (alcohol wipes and providone-iodine wipes)	202 KAR 7:550 Sec 3(2)(c)2
Intravenous catheters, 14G-24G	202 KAR 7:550 Sec 3(2)(c)3
Long-large bore needles or angiocatheters (at least 3.25 inches in length for needle chest decompression in large patients)	202 KAR 7:550 Sec 3(2)(c)4
Intraosseous needles or intraosseous devices appropriate for children and adults	202 KAR 7:550 Sec 3(2)(c)5
Latex-free tourniquet	202 KAR 7:550 Sec 3(2)(c)6
Needles of various sizes, including suitable sizes for intramuscular injections	202 KAR 7:550 Sec 3(2)(d)
Intravenous macrodrip and microdrip administrations sets	202 KAR 7:550 Sec 3(2)(e)
Intravenous arm boards, adult and pediatric, or appropriate substitute.	202 KAR 7:550 Sec 3(2)(f)
<b>Miscellaneous supplies, including:</b>	
Hand held flashlight capable of providing adequate lighting to assess a scene or a patient	202 KAR 7:550 Sec 2(2)(d)1
Penlight	202 KAR 7:550 Sec 2(2)(d)2
A copy or electronic equivalent of the 2016 U.S. Department of Transportation, Emergency Response Guidebook	202 KAR 7:550 Sec 2(2)(d)3
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4
Medications as required by the master drug list contained in protocols established in accordance with this section.	202 KAR 7:550 Sec 3(3)
Controlled drugs stored in a locked storage box in a locked compartment on the vehicle that is immediately accessible to personnel.	202 KAR 7:550 Sec 3(4)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)

Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)
<b>Adult Critical Care Equipment</b>	
A portable transport ventilator, the capabilities of which shall include: 1. Controlling rate; 2. Volume; 3. FiO2 up to 100 percent; 4. I:E ratio; 5. PEEP; 6. Volume control; 7. Pressure control; 8. SIMV mode; 9. NPPV mode; and 10. Low- and high-pressure warning alarms	202 KAR 7:550 Sec 4(a)1-10
Two (2) portable transport ventilator circuits appropriately sized for the patient being transported	202 KAR 7:550 Sec 4(b)
Continuous Positive Airway Pressure (CPAP) ventilation portable equipment	202 KAR 7:550 Sec4(c)
Electronic waveform capnography, intubated patient, capable of waveform display	202 KAR 7:550 Sec 4(d)
Difficult airway equipment in the form of a bougie gum elastic ET introducer	202 KAR 7:550 Sec 4(e)
Sterile cricothyrotomy set, surgical or needle	202 KAR 7:550 Sec 4(f)
Invasive pressure monitoring capability electronic waveform available on two (2) channels	202 KAR 7:550 Sec 4(g)
An infusion pump or pumps capable of infusing three (3) separate medications simultaneously	202 KAR 7:550 Sec 4(h)
Six (6) IV infusion pump tubing sets	202 KAR 7:550 Sec 4(i)
Two (2) blood infusion sets	202 KAR 7:550 Sec 4(j)
A device to monitor core body temperature through rectal or esophageal probe	202 KAR 7:550 Sec 4(k)

## Class IV ALS Equipment List

<b>Ambulance Operations</b>	
Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Section 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Section 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Section 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Section 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Section 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Section 1(2)(a)

An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star- Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019 shall comply fully with the ambulance design criteria contained in the Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	202 KAR 7:550 Section 1(2)(b, c, d, e)
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Section 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Section 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550

Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550
Each BLS agency shall maintain evidence in the form of a letter that adult and pediatric medical protocols have been reviewed and approved by the board pursuant to KRS 311A.180. A hard copy or electronic equivalent of approved protocols shall be accessible to each provider throughout each call.	202 KAR 7:550 Sec 2(1)
<b>Suction, ventilation, and blood pressure equipment</b>	
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1
Rigid catheters	202 KAR 7:550 Sec 2(2)(a)2
Flexible catheters in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 2(2)(a)3
Bulb syringe for infant and neonate suction	202 KAR 7:550 Sec 2(2)(a)4
Disposable adult and pediatric bag-valve-mask with a pediatric pop-off valve with oxygen reservoir, oxygen tubing, and adult, pediatric, infant, and neonate masks	202 KAR 7:550 Sec 2(2)(a)5
Nasopharyngeal airways (16F-34F; adult and child sizes) with water-soluble lubricant	202 KAR 7:550 Sec 2(2)(a)6
Oropharyngeal airways (sizes 0-5; adult, child, and infant sizes)	202 KAR 7:550 Sec 2(2)(a)7
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8
Manual pediatric and adult regular and large sphygmomanometer cuffs with stethoscope.	202 KAR 7:550 Sec 2(2)(a)9
<b>Oxygen equipment</b>	
A fixed oxygen system for each ambulance	202 KAR 7:550 Sec 2(2)(b)1
Two (2) portable, adequately filled, secured oxygen tanks that are minimally size D	202 KAR 7:550 Sec 2(2)(b)2
Pressure gauge and flow rate regulator for fixed and portable units with a range of zero to fifteen (15) liters per minute	202 KAR 7:550 Sec 2(2)(b)3
Transparent non-rebreather oxygen masks and nasal cannulas for adults and pediatrics.	202 KAR 7:550 Sec 2(2)(b)4
<b>Bandages, bandaging supplies and tape, including:</b>	
Commercially packaged or sterile burn sheets	202 KAR 7:550

	Sec 2(2)(c)1
Triangular bandages	202 KAR 7:550 Sec 2(2)(c)2
<b>Dressings of the following types:</b>	
Sterile dressings, including gauze sponges of suitable size	202 KAR 7:550 Sec 2(2)(c)3a
Abdominal dressings	202 KAR 7:550 Sec 2(2)(c)3b
Gauze rolls, various sizes	202 KAR 7:550 Sec 2(2)(c)4
Occlusive dressing, or equivalent	202 KAR 7:550 Sec 2(2)(c)5
Adhesive tape of various sizes (include one (1) inch and two (2) inch)	202 KAR 7:550 Sec 2(2)(c)6
Arterial tourniquet	202 KAR 7:550 Sec 2(2)(c)7
Shears for bandages.	202 KAR 7:550 Sec 2(2)(c)8
<b>Obstetrical supplies that shall include at a minimum:</b>	
Sterile scalpels or scissors	202 KAR 7:550 Sec 2(2)(d)5a
Sterile gloves	202 KAR 7:550 Sec 2(2)(d)5b
Bulb suction	202 KAR 7:550 Sec 2(2)(d)5c
Two (2) umbilical clamps	202 KAR 7:550 Sec 2(2)(d)5d
Thermal absorbent blanket and head cover, aluminum foil roll, or appropriate heat reflective material	202 KAR 7:550 Sec 2(2)(d)5e
<b>BLS Supplies</b>	
Sterile irrigation fluids	202 KAR 7:550 Sec 2(2)(6)
Glucometer or blood glucose measuring device with reagent strips and lancets for obtaining a blood glucose sample	202 KAR 7:550 Sec 2(2)(d)7
Oral glucose	202 KAR 7:550 Sec 2(2)(d)8
Cold packs	202 KAR 7:550 Sec 2(2)(d)9
Heat packs	202 KAR 7:550 Sec 2(2)(d)10
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13

<b>Splints, including:</b>	
Lower extremity mechanical traction splint in adult and pediatric sizes	202 KAR 7:550 Sec 2(2)(e)1
Upper and lower extremity rigid splint devices for adult and pediatric patients	202 KAR 7:550 Sec 2(2)(e)2
<b>Immobilization devices, including:</b>	
Short extrication and immobilization device	202 KAR 7:550 Sec 2(2)(f)1
Adult and pediatric impervious long spine boards or other full body immobilization devices with a minimum of three (3) appropriate restraint cross-straps	202 KAR 7:550 Sec 2(2)(f)2
<b>Cervical collars in the following sizes:</b>	
Cervical collars for pediatric patients ages two (2) years or older	202 KAR 7:550 Sec 2(2)(f)3a(i)
Cervical collars for adults in small, medium, large, and other available sizes OR Pedi and adult adjustable cervical collars	202 KAR 7:550 Sec 2(2)(f)3a(ii)
Towel rolls or other commercially available cervical immobilization devices for adults and pediatrics	202 KAR 7:550 Sec 2(2)(f)4
Two (2) currently certified five (5) pound size or larger, secured, ABC multipurpose fire extinguishers, approved by Underwriters Laboratory, Coast Guard, or Factory Mutual. One (1) shall be accessible to the driver and the other to the attendant or attendants in the patient compartment in the ambulance	202 KAR 7:550 Sec 2(2)(g)
Multi-position stretcher with wheels and a minimum of three (3) cross-straps in addition to one (1) set of shoulder straps for securing the patient to the stretcher and a fixed mechanism to secure the stretcher while in transit	202 KAR 7:550 Sec 2(2)(h)
fA pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)
<b>Personal protective equipment shall be available to each staff member responding on the vehicle, including:</b>	
One (1) clean scrub gown (or substitute, such as disposable coveralls)	202 KAR 7:550 Sec 2(3)(a)
Simple disposable face mask	202 KAR 7:550 Sec 2(3)(b)
Clear protective goggles or safety glasses	202 KAR 7:550 Sec 2(3)(c)
Disposable gloves	202 KAR 7:550 Sec 2(3)(d)
One (1) particulate filter mask rated at N95 or better without an exhaust port for patient use	202 KAR 7:550 Sec 2(3)(e)

One (1) particulate filter mask rated at N95 or better with or without an exhaust port for protection of crew members	202 KAR 7:550 Sec 2(3)(f)
A means of cleansing the hands, such disposable towlettes or other solutions.	202 KAR 7:550 Sec 2(3)(g)
<b>Cleaning materials shall be available including:</b>	
Hospital grade disinfectants	202 KAR 7:550 Sec 2(4)(a)
Trash bags for disposal of nonbiohazard waste materials	202 KAR 7:550 Sec 2(4)(b)
Biohazard bags for the disposal of biohazard waste	202 KAR 7:550 Sec 2(4)(c)
Puncture resistant containers for disposal of sharp objects that are secured to the vehicle.	202 KAR 7:550 Sec 2(4)(d)
<b>Patient comfort items shall be available including:</b>	
Two (2) clean blankets, sheets, pillows, and pillowcases	202 KAR 7:550 Sec 2(5)(a)
A disposable urinal	202 KAR 7:550 Sec 2(5)(b)
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)
An emesis container or similar substitute.	202 KAR 7:550 Sec 2(5)(d)
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 2(6)
<b>Endotracheal intubation equipment consisting of:</b>	
Laryngoscope handle with extra batteries, bulbs, or blades if applicable	202 KAR 7:550 Sec 3(2)(a)1
<b>Laryngoscope blades in the following sizes:</b>	
0-4, straight Miller	202 KAR 7:550 Sec 3(2)(a)2a
2-4, curved Macintosh	202 KAR 7:550 Sec 3(2)(a)2b
<b>Endotracheal tubes in the following sizes:</b>	
2.5, 3.0, 3.5, 4.0, 4.5, 5.0, and 5.5 cuffed or uncuffed	202 KAR 7:550 Sec 3(2)(a)3a
6.0, 6.5, 7.0, 7.5 and 8.0 cuffed	202 KAR 7:550 Sec 3(2)(a)3b
Stylettes in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)4
10-mL syringes	202 KAR 7:550 Sec 3(2)(a)5
Magill forceps in adult and pediatric sizes	202 KAR 7:550 Sec 3(2)(a)6
Water-soluble lubricant for lubrication of endotracheal and nasotracheal tubes	202 KAR 7:550 Sec 3(2)(a)7
End-Tidal CO2 detection capability (adult and pediatric)	202 KAR 7:550



	Sec 3(2)(a)8
One-half (1/2) inch wide twill tape or equivalent for securing endotracheal tubes	202 KAR 7:550 Sec 3(2)(a)9
Equipment necessary to perform emergency percutaneous cricothyrotomy	202 KAR 7:550 Sec 3(2)(a)10
Disposable nebulizer	202 KAR 7:550 Sec 3(2)(a)11
<b>A portable, battery-operated monitor defibrillator that:</b>	
Has a tape write-out or recorder, hands-free defibrillator pads, electrocardiogram monitoring leads, and electrodes for adults and pediatrics	202 KAR 7:550 Sec 3(2)(b)1
Is capable of delivering direct current energy over a variable range, which is suitable for pediatric and adult usage	202 KAR 7:550 Sec 3(2)(b)2
Has synchronized counter-shock capability for cardioversion	202 KAR 7:550 Sec 3(2)(b)3
Has a transcutaneous cardiac pacemaker, including adult and pediatric pads and cables	202 KAR 7:550 Sec 3(2)(b)4
Has 12-Lead ECG capability if the vehicle is staffed to provide ALS services	202 KAR 7:550 Sec 3(2)(b)5
<b>Vascular Access supplies consisting of:</b>	
Isotonic crystalloid solutions	202 KAR 7:550 Sec 3(2)(c)1
Antiseptic solution (alcohol wipes and providone-iodine wipes)	202 KAR 7:550 Sec 3(2)(c)2
Intravenous catheters, 14G-24G	202 KAR 7:550 Sec 3(2)(c)3
Long-large bore needles or angiocatheters (at least 3.25 inches in length for needle chest decompression in large patients)	202 KAR 7:550 Sec 3(2)(c)4
Intraosseous needles or intraosseous devices appropriate for children and adults	202 KAR 7:550 Sec 3(2)(c)5
Latex-free tourniquet	202 KAR 7:550 Sec 3(2)(c)6
Needles of various sizes, including suitable sizes for intramuscular injections	202 KAR 7:550 Sec 3(2)(d)
Intravenous macrodrip and microdrip administrations sets	202 KAR 7:550 Sec 3(2)(e)
Intravenous arm boards, adult and pediatric, or appropriate substitute.	202 KAR 7:550 Sec 3(2)(f)
<b>Miscellaneous supplies, including:</b>	
Hand held flashlight capable of providing adequate lighting to assess a scene or a patient	202 KAR 7:550 Sec 2(2)(d)1
Penlight	202 KAR 7:550 Sec 2(2)(d)2
A copy or electronic equivalent of the 2016 U.S. Department of Transportation, Emergency Response Guidebook	202 KAR 7:550 Sec 2(2)(d)3
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4

Medications as required by the master drug list contained in protocols established in accordance with this section.	202 KAR 7:550 Sec 3(3)
Controlled drugs stored in a locked storage box in a locked compartment on the vehicle that is immediately accessible to personnel.	202 KAR 7:550 Sec 3(4)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)

## Class IV BLS Equipment List

<b>Ambulance Operations</b>	
Have the name of the provider permanently affixed by paint, decal, or wrap on both sides of the exterior surface of the vehicle. 1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license. 2. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is larger, and visible and legible by the public. 3. A vehicle operated by an agency shall not be marked with the words "advanced life support", "paramedic," or similar words that convey essentially the same meaning on the vehicle's exterior surface visible to the public unless the: a. Vehicle is always staffed at an Advanced Life Support level; or b. Agency was licensed by the board prior to January 1, 2018.	202 KAR 7:550 Sec 1(1)(a)
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Sec 1(1)(b)
Be designed to provide for the medical care or transportation of patients.	202 KAR 7:550 Sec 1(1)(c)
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Sec 1(1)(d)
Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. 1. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. 2. Retread tires shall not be used on ground vehicles. 3. Internal patches may be utilized for tire repairs if necessary. 4. More than two (2) patches shall not be used on any one (1) defective tire. 5. Plugs shall not be used for the repair of defective ambulance tires	202 KAR 7:550 Sec 1(1)(e)
A ground ambulance licensed in Kentucky shall be affixed with an official Kentucky Board of Emergency Medical Services decal that states, at a minimum, the month and year of inspection.	202 KAR 7:550 Sec 1(2)(a)
An ambulance manufactured prior to January 1, 2019 shall meet or exceed the standards established in the U.S. General Services Administration Federal Specification for the Star-of-Life Ambulance (GSA KKK-A-1822) in effect on the original date of manufacture. (c) The agency shall require, for a unit in which the chassis of an ambulance is later replaced, the conversion company to supply a letter to verify that no modification exists that was contained in GSA KKK-A-1822 on the original date of module manufacture. (d) A new production ground ambulance that is ordered after January 1, 2019	202 KAR 7:550 Sec 1(2)(b, c, d, e)

shall comply fully with the ambulance design criteria contained in the Commission on Accreditation of Ambulance Services Ground Vehicle Standard for Ambulances (GVS), 7/2016. A decal or letter of verification from the manufacturer certifying that the vehicle meets the GVS standard, if ordered after January 1, 2019, shall be made available upon inspection. (e) The agency shall require for any GVS certified vehicle, in which the chassis of an ambulance is later replaced, the conversion company shall supply a letter to verify that no modification exists that was contained in the GVS standard on the original date of module manufacture	
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(a)
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Sec 1(3)(b)
The patient care area lighting shall be fully functional.	202 KAR 7:550 Sec 1(3)(d)
all linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Sec 1(7)(a, b)
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550
Each ambulance shall have a minimum of two (2) portable push-to-talk two way radio communication devices capable of operating on the agency dispatch center, mutual aid, and hospital frequencies - an alternative method of two (2) way communication may be substituted for one portable two way radio	202 KAR 7:550
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550
Each BLS agency shall maintain evidence in the form of a letter that adult and pediatric medical protocols have been reviewed and approved by the board pursuant to KRS 311A.180. A hard copy or electronic equivalent of approved protocols shall be accessible to each provider throughout each call.	202 KAR 7:550 Sec 2(1)
<b>Suction, ventilation, and blood pressure equipment</b>	
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1
Rigid catheters	202 KAR 7:550 Sec 2(2)(a)2

Flexible catheters in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 2(2)(a)3
Bulb syringe for infant and neonate suction	202 KAR 7:550 Sec 2(2)(a)4
Disposable adult and pediatric bag-valve-mask with a pediatric pop-off valve with oxygen reservoir, oxygen tubing, and adult, pediatric, infant, and neonate masks	202 KAR 7:550 Sec 2(2)(a)5
Nasopharyngeal airways (16F-34F; adult and child sizes) with water-soluble lubricant	202 KAR 7:550 Sec 2(2)(a)6
Oropharyngeal airways (sizes 0-5; adult, child, and infant sizes)	202 KAR 7:550 Sec 2(2)(a)7
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8
Manual pediatric and adult regular and large sphygmomanometer cuffs with stethoscope.	202 KAR 7:550 Sec 2(2)(a)9
<b>Oxygen equipment</b>	
A fixed oxygen system for each ambulance	202 KAR 7:550 Sec 2(2)(b)1
Two (2) portable, adequately filled, secured oxygen tanks that are minimally size D	202 KAR 7:550 Sec 2(2)(b)2
Pressure gauge and flow rate regulator for fixed and portable units with a range of zero to fifteen (15) liters per minute	202 KAR 7:550 Sec 2(2)(b)3
Transparent non-rebreather oxygen masks and nasal cannulas for adults and pediatrics.	202 KAR 7:550 Sec 2(2)(b)4
<b>Bandages, bandaging supplies and tape, including:</b>	
Commercially packaged or sterile burn sheets	202 KAR 7:550 Sec 2(2)(c)1
Triangular bandages	202 KAR 7:550 Sec 2(2)(c)2
<b>Dressings of the following types:</b>	
Sterile dressings, including gauze sponges of suitable size	202 KAR 7:550 Sec 2(2)(c)3a
Abdominal dressings	202 KAR 7:550 Sec 2(2)(c)3b
Gauze rolls, various sizes	202 KAR 7:550 Sec 2(2)(c)4
Occlusive dressing, or equivalent	202 KAR 7:550 Sec 2(2)(c)5
Adhesive tape of various sizes (include one (1) inch and two (2) inch)	202 KAR 7:550 Sec 2(2)(c)6
Arterial tourniquet	202 KAR 7:550 Sec 2(2)(c)7
Shears for bandages.	202 KAR 7:550 Sec 2(2)(c)8
<b>Obstetrical supplies that shall include at a minimum:</b>	
Sterile scalpels or scissors	202 KAR 7:550

	Sec 2(2)(d)5a
Sterile gloves	202 KAR 7:550 Sec 2(2)(d)5b
Bulb suction	202 KAR 7:550 Sec 2(2)(d)5c
Two (2) umbilical clamps	202 KAR 7:550 Sec 2(2)(d)5d
Thermal absorbent blanket and head cover, aluminum foil roll, or appropriate heat reflective material, e.g., enough to cover newborn infant	202 KAR 7:550 Sec 2(2)(d)5e
<b>BLS Supplies</b>	
Sterile irrigation fluids	202 KAR 7:550 Sec 2(2)(6)
Glucometer or blood glucose measuring device with reagent strips and lancets for obtaining blood glucose sample	202 KAR 7:550 Sec 2(2)(d)7
Oral glucose	202 KAR 7:550 Sec 2(2)(d)8
Cold packs	202 KAR 7:550 Sec 2(2)(d)9
Heat packs	202 KAR 7:550 Sec 2(2)(d)10
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13
<b>Splints, including:</b>	
Lower extremity mechanical traction splint in adult and pediatric sizes	202 KAR 7:550 Sec 2(2)(e)1
Upper and lower extremity rigid splint devices for adult and pediatric patients	202 KAR 7:550 Sec 2(2)(e)2
<b>Immobilization devices, including:</b>	
Short extrication and immobilization device	202 KAR 7:550 Sec 2(2)(f)1
Adult and pediatric impervious long spine boards or other full body immobilization devices with a minimum of three (3) appropriate restraint cross-straps	202 KAR 7:550 Sec 2(2)(f)2
<b>Cervical collars in the following sizes:</b>	
Cervical collars for pediatric patients ages two (2) years or older	202 KAR 7:550 Sec 2(2)(f)3a(i)
Cervical collars for adults in small, medium, large, and other available sizes OR pediatric and adult adjustable cervical collars	202 KAR 7:550 Sec 2(2)(f)3a(ii)

Towel rolls or other commercially available cervical immobilization devices for adults and pediatrics	202 KAR 7:550 Sec 2(2)(f)4
Two (2) currently certified five (5) pound size or larger, secured, ABC multipurpose fire extinguishers, approved by Underwriters Laboratory, Coast Guard, or Factory Mutual. One (1) shall be accessible to the driver and the other to the attendant or attendants in the patient compartment in the ambulance	202 KAR 7:550 Sec 2(2)(g)
Multi-position stretcher with wheels and a minimum of three (3) cross-straps in addition to one (1) set of shoulder straps for securing the patient to the stretcher and a fixed mechanism to secure the stretcher while in transit	202 KAR 7:550 Sec 2(2)(h)
A pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)
<b>Personal protective equipment shall be available to each staff member responding on the vehicle, including:</b>	
One (1) clean scrub gown (or substitute, such as disposable coveralls)	202 KAR 7:550 Sec 2(3)(a)
Simple disposable face mask	202 KAR 7:550 Sec 2(3)(b)
Clear protective goggles or safety glasses	202 KAR 7:550 Sec 2(3)(c)
Disposable gloves	202 KAR 7:550 Sec 2(3)(d)
One (1) particulate filter mask rated at N95 or better without an exhaust port for patient use	202 KAR 7:550 Sec 2(3)(e)
One (1) particulate filter mask rated at N95 or better with or without an exhaust port for protection of crew members	202 KAR 7:550 Sec 2(3)(f)
A means of cleansing the hands, such disposable towlettes or other solutions.	202 KAR 7:550 Sec 2(3)(g)
<b>Cleaning materials shall be available including:</b>	
Hospital grade disinfectants	202 KAR 7:550 Sec 2(4)(a)
Trash bags for disposal of nonbiohazard waste materials	202 KAR 7:550 Sec 2(4)(b)
Biohazard bags for the disposal of biohazard waste	202 KAR 7:550 Sec 2(4)(c)
Puncture resistant containers for disposal of sharp objects that are secured to the vehicle.	202 KAR 7:550 Sec 2(4)(d)
<b>Patient comfort items shall be available including:</b>	
Two (2) clean blankets, sheets, pillows, and pillowcases	202 KAR 7:550 Sec 2(5)(a)
A disposable urinal	202 KAR 7:550

	Sec 2(5)(b)
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)
An emesis container or similar substitute.	202 KAR 7:550 Sec 2(5)(d)
<b>Miscellaneous supplies, including:</b>	
Hand held flashlight capable of providing adequate lighting to assess a scene or a patient	202 KAR 7:550 Sec 2(2)(d)1
Penlight	202 KAR 7:550 Sec 2(2)(d)2
A copy or electronic equivalent of the 2016 U.S. Department of Transportation, Emergency Response Guidebook	202 KAR 7:550 Sec 2(2)(d)3
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 3(3)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)
All items with an expiration date shall not be expired.	202 KAR 7:550 Sec 2(6)



## Class VI ALS Equipment List

<b>Agency Operations</b>	
Maintain one (1) complete set of equipment	202 KAR 7:550 Sec 7(4)
Each basic life support non-transport vehicle shall wrap, properly store, and handle all single-service implements to be inserted into the patient's nose or mouth.	202 KAR 7:550 Sec 7
Must have the capability to communicate on all VHF Kentucky State Mutual Aid Frequencies in accordance with the Commonwealth of Kentucky Field Operations Guide (KY-FOG)	202 KAR 7:555 Sec 3(18)(b)
Shall wrap, properly store, and handle all single-service implements to be inserted into the patient's nose or mouth.	202 KAR 7:550 Sec 7(5)
Shall properly store and keep multiuse items clean and sterile if indicated.	202 KAR 7:550 Sec 7(6)
<b>Portable suction apparatus, capable of a minimum vacuum of 300 millimeters mercury, equipped with two (2) each of the following:</b>	202 KAR 7:550 Sec 7(7)(a)1
Wide-bore tubing	202 KAR 7:550 Sec 7(7)(a)1.a
Rigid catheters	202 KAR 7:550 Sec 7(7)(a)1.b
Soft pharyngeal suction tips in child size	202 KAR 7:550 Sec 7(7)(a)1.c
Soft pharyngeal suction tips in adult size	202 KAR 7:550 Sec 7(7)(a)1.d
<b>One (1) hand-operated bag-mask ventilation unit equipped with clear facemasks and oxygen reservoirs with oxygen tubing in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)2
Adult	202 KAR 7:550 Sec 7(7)(a)2.a
Child	202 KAR 7:550 Sec 7(7)(a)2.b
Infant	202 KAR 7:550 Sec 7(7)(a)2.c
Neonatal mask only	202 KAR 7:550 Sec 7(7)(a)2.d
<b>Two (2) oropharyngeal airways in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)3
Adult	202 KAR 7:550 Sec 7(7)(a)3.a
Child	202 KAR 7:550 Sec 7(7)(a)3.b
Infant	202 KAR 7:550 Sec 7(7)(a)3.c
One (1) pocket mask with a one (1) way valve	202 KAR 7:550 Sec 7(7)(a)4

Blind-Insertion Airway Devices (BIAD) in adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(a)5
Portable oxygen equipment of at least 300 liters capacity and D size cylinder with a regulator capable of delivering 25LPM	202 KAR 7:550 Sec 7(7)(a)6
<b>Oxygen delivery devices, including:</b>	
Two (2) non-rebreathing oxygen masks in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)1
Two (2) nasal cannula in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)2
Two (2) nasopharyngeal airways with water-soluble lubricant in adult, child and infant sizes	202 KAR 7:550 Sec 7(7)(b)3
<b>Wound care supplies, including:</b>	202 KAR 7:550 Sec 7(7)(c)
Two (2) airtight dressings for open chest wounds	202 KAR 7:550 Sec 7(7)(c)1
Assorted bandaging supplies for the care of soft tissue injuries	202 KAR 7:550 Sec 7(7)(c)2
Sterile water for irrigation	202 KAR 7:550 Sec 7(7)(c)3
An AED with a minimum of two (2) complete sets of pads for all non-ALS providers and vehicles	202 KAR 7:550 Sec 7(7)(d)
<b>Patient stabilization equipment, including:</b>	202 KAR 7:550 Sec 7(7)(e)
Two (2) upper and two (2) lower extremity-splinting devices	202 KAR 7:550 Sec 7(7)(e)1
<b>Two (2) cervical collars in each of the following sizes or adjustable equivalents:</b>	202 KAR 7:550 Sec 7(7)(e)2
Pediatric	202 KAR 7:550 Sec 7(7)(e)2a
Small	202 KAR 7:550 Sec 7(7)(e)2b
Medium	202 KAR 7:550 Sec 7(7)(e)2c
Large	202 KAR 7:550 Sec 7(7)(e)2d
No-Neck	202 KAR 7:550 Sec 7(7)(e)2e
<b>Personal protection and body substance isolation equipment, including at least one (1) of each of the following for each EMS provider:</b>	202 KAR 7:550 Sec 7(7)(f)
Gown	202 KAR 7:550 Sec 7(7)(f)1
Face mask and shield	202 KAR 7:550 Sec 7(7)(f)2
Gloves	202 KAR 7:550 Sec 7(7)(f)3

Biohazard bag	202 KAR 7:550 Sec 7(7)(f)4
Puncture resistant container for the disposal of sharp objects	202 KAR 7:550 Sec 7(7)(f)5
Antimicrobial hand cleaner	202 KAR 7:550 Sec 7(7)(f)6
<b>Miscellaneous</b>	
<b>Obstetrical supplies, including:</b>	202 KAR 7:550 Sec 7(7)(g)1
Sterile scalpels or scissors	202 KAR 7:550 Sec 7(7)(g)1.a
Sterile gloves	202 KAR 7:550 Sec 7(7)(g)1.b
Bulb suction	202 KAR 7:550 Sec 7(7)(g)1.c
Two (2) umbilical clamps	202 KAR 7:550 Sec 7(7)(g)1.d
<b>One (1) blood pressure sphygmomanometer in each of the following cuff sizes:</b>	202 KAR 7:550 Sec 7(7)(g)2
Large adult	202 KAR 7:550 Sec 7(7)(g)2.a
Adult	202 KAR 7:550 Sec 7(7)(g)2.b
Pediatric	202 KAR 7:550 Sec 7(7)(g)2.c
<b>One (1) stethoscope in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(g)3
Adult	202 KAR 7:550 Sec 7(7)(g)3.a
Pediatric	202 KAR 7:550 Sec 7(7)(g)3.b
A glucometer or blood glucose-measuring device with reagent strips and lancets for obtaining blood glucose sample.	202 KAR 7:550 Sec 7(7)(g)4
<b>Endotracheal intubation equipment consisting of:</b>	202 KAR 7:550 Sec 8(4)(a)
Laryngoscope handle	202 KAR 7:550 Sec 8(4)(a)1
Various laryngoscope blades in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 8(4)(a)2
Extra batteries and bulbs for handles or blades	202 KAR 7:550 Sec 8(4)(a)3
A minimum of seven (7) different sizes of endotracheal tubes for oral and nasal placement in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 8(4)(a)4
Equipment necessary to perform emergency cricothyrotomy	202 KAR 7:550 Sec 8(4)(a)5
An end tidal carbon dioxide detection device	202 KAR 7:550 Sec 8(4)(a)6

Stylettes in adult and pediatric sizes	202 KAR 7:550 Sec 8(4)(a)7
Magill forceps in adult and pediatric sizes	202 KAR 7:550 Sec 8(4)(a)8
One-half (1/2) inch wide twill tape or equivalent for securing endotracheal tubes	202 KAR 7:550 Sec 8(4)(a)9
Water-soluble lubricant for lubrication of endotracheal and nasotracheal tubes	202 KAR 7:550 Sec 8(4)(a)10
<b>A portable monitor defibrillator that:</b>	202 KAR 7:550 Sec 8(4)(b)
Is capable of displaying a visual display of cardiac electrical activity	202 KAR 7:550 Sec 8(4)(b)1
Is capable of providing a hard copy of cardiac electrical activity measure	202 KAR 7:550 Sec 8(4)(b)2
Is capable of delivering direct current energy over a variable range, which is suitable for pediatric and adult usage	202 KAR 7:550 Sec 8(4)(b)3
Is capable of providing external cardiac pacing	202 KAR 7:550 Sec 8(4)(b)4
Has adult and pediatric external pads, capable of utilization for immediate monitoring of heart activity and delivery of counter shock in both the adult and pediatric patient	202 KAR 7:550 Sec 8(4)(b)5
Is capable of being operated from internal rechargeable batteries	202 KAR 7:550 Sec 8(4)(b)6
Has synchronized counter shock capability for cardioversion	202 KAR 7:550 Sec 8(4)(b)7
Has a patient monitoring cable with electrode pads or equivalent for use with the patient monitoring cable	202 KAR 7:550 Sec 8(4)(b)8
<b>Medication Administration</b>	
Sterile, disposable needles, in types and sizes sufficient for personnel to administer medications and perform procedures allowed by the agency's patient treatment protocols	202 KAR 7:550 Sec 8(4)(c)
Disposable syringes in types and sizes sufficient for personnel to administer medications and perform procedures allowed by the agency's patient treatment protocols	202 KAR 7:550 Sec 8(4)(d)
Restriction band appropriate for use with venipuncture procedure	202 KAR 7:550 Sec 8(4)(e)
Disposable, individually packaged antiseptic wipes	202 KAR 7:550 Sec 8(4)(f)
Intravenous fluids as required by the agency's protocol, with macrodrip and microdrip fluid sets, and accessory items including over the needle catheter devices in sizes fourteen (14) to twenty-four (24) gauge	202 KAR 7:550 Sec 8(4)(g)
Intraosseous needles or intraosseous devices appropriate for children and adults	202 KAR 7:550 Sec 8(4)(h)
Pediatric drug dosage tape or equivalent that provides easy reference for pediatric and infant treatment and drug dosages.	202 KAR 7:550 Sec 8(4)(i)

All items must have current expiration dates	202 KAR 7:550 Sec 8(5)
Controlled drugs shall be stored in a locked storage box in a locked compartment that is immediately accessible to personnel.	202 KAR 7:550 Sec 8(6)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)

<b>Class VI BLS Equipment List</b>	
<b>Agency Operations</b>	
Maintain one (1) complete set of equipment	202 KAR 7:550 Sec 7(3)
Each basic life support non-transport vehicle shall wrap, properly store, and handle all single-service implements to be inserted into the patient's nose or mouth.	202 KAR 7:550 Sec 7(5)
Must have the capability to communicate on all VHF Kentucky State Mutual Aid Frequencies in accordance with the Commonwealth of Kentucky Field Operations Guide (KY-FOG)	202 KAR 7:555 Sec 3(18)(b)
Shall properly store and keep multiuse items clean and sterile if indicated.	202 KAR 7:550 Sec 7(6)
<b>Portable suction apparatus, capable of a minimum vacuum of 300 millimeters mercury, equipped with two (2) each of the following:</b>	202 KAR 7:550 Sec 7(7)(a)1
Wide-bore tubing	202 KAR 7:550 Sec 7(7)(a)1.a
Rigid catheters	202 KAR 7:550 Sec 7(7)(a)1.b
Soft pharyngeal suction tips in child size	202 KAR 7:550 Sec 7(7)(a)1.c
Soft pharyngeal suction tips in adult size	202 KAR 7:550 Sec 7(7)(a)1.d

<b>One (1) hand-operated bag-mask ventilation unit equipped with clear facemasks and oxygen reservoirs with oxygen tubing in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)2
Adult	202 KAR 7:550 Sec 7(7)(a)2a
Child	202 KAR 7:550 Sec 7(7)(a)2b
Infant	202 KAR 7:550 Sec 7(7)(a)2c
Neonatal mask only	202 KAR 7:550 Sec 7(7)(a)2d
<b>Two (2) oropharyngeal airways in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)3
Adult	202 KAR 7:550 Sec 7(7)(a)3a
Child	202 KAR 7:550 Sec 7(7)(a)3b
Infant	202 KAR 7:550 Sec 7(7)(a)3c
One (1) pocket mask with a one (1) way valve	202 KAR 7:550 Sec 7(7)(a)4
Blind-Insertion Airway Devices (BIAD) in adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(a)5
Portable oxygen equipment of at least 300 liters capacity and D size cylinder with a regulator capable of delivering 25LPM	202 KAR 7:550 Sec 7(7)(a)6
<b>Oxygen delivery devices, including:</b>	202 KAR 7:550 Sec 7(7)(b)
Two (2) non-rebreathing oxygen masks in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)1
Two (2) nasal cannula in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)2
<b>Two (2) nasopharyngeal airways with water-soluble lubricant in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(b)3
Adult	202 KAR 7:550 Sec 7(7)(b)3a
Child	202 KAR 7:550 Sec 7(7)(b)3b
Infant	202 KAR 7:550 Sec 7(7)(b)3c
<b>Wound care supplies, including:</b>	202 KAR 7:550 Sec 7(7)(c)
Two (2) airtight dressings for open chest wounds	202 KAR 7:550 Sec 7(7)(c)1

Assorted bandaging supplies for the care of soft tissue injuries	202 KAR 7:550 Sec 7(7)(c)2
Sterile water for irrigation	202 KAR 7:550 Sec 7(7)(c)3
An AED with a minimum of two (2) complete sets of pads for all non-ALS providers and vehicles	202 KAR 7:550 Sec 7(7)(d)
<b>Patient stabilization equipment, including:</b>	202 KAR 7:550 Sec 7(7)(e)
Two (2) upper and two (2) lower extremity-splinting devices	202 KAR 7:550 Sec 7(7)(e)1
<b>Two (2) cervical collars in each of the following sizes or adjustable equivalents:</b>	202 KAR 7:550 Sec 7(7)(e)2
Pediatric	202 KAR 7:550 Sec 7(7)(e)2a
Small	202 KAR 7:550 Sec 7(7)(e)2b
Medium	202 KAR 7:550 Sec 7(7)(e)2c
Large	202 KAR 7:550 Sec 7(7)(e)2d
No-Neck	202 KAR 7:550 Sec 7(7)(e)2e
<b>Personal protection and body substance isolation equipment, including at least one (1) of each of the following for each EMS provider:</b>	202 KAR 7:550 Sec 7(7)(f)
Gown	202 KAR 7:550 Sec 7(7)(f)1
Face mask and shield	202 KAR 7:550 Sec 7(7)(f)2
Gloves	202 KAR 7:550 Sec 7(7)(f)3
Biohazard bag	202 KAR 7:550 Sec 7(7)(f)4
Puncture resistant container for the disposal of sharp objects	202 KAR 7:550 Sec 7(7)(f)5
Antimicrobial hand cleaner	202 KAR 7:550 Sec 7(7)(f)6
<b>Obstetrical supplies, including:</b>	202 KAR 7:550 Sec 7(7)(g)1
Sterile scalpels or scissors	202 KAR 7:550 Sec 7(7)(g)1a
Sterile gloves	202 KAR 7:550 Sec 7(7)(g)1b
Bulb suction	202 KAR 7:550 Sec 7(7)(g)1c

Two (2) umbilical clamps	202 KAR 7:550 Sec 7(7)(g)1d
<b>One (1) blood pressure sphygmomanometer in each of the following cuff sizes:</b>	202 KAR 7:550 Sec 7(7)(g)2
Large adult	202 KAR 7:550 Sec 7(7)(g)2a
Adult	202 KAR 7:550 Sec 7(7)(g)2b
Pediatric	202 KAR 7:550 Sec 7(7)(g)2c
<b>One (1) stethoscope in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(g)3
Adult	202 KAR 7:550 Sec 7(7)(g)3a
Pediatric	202 KAR 7:550 Sec 7(7)(g)3b
A glucometer or blood glucose-measuring device with reagent strips and lancets for obtaining blood glucose sample.	202 KAR 7:550 Sec 7(7)(g)4
<b>Miscellaneous items, including:</b>	202 KAR 7:550 Sec 9
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(a)
Heavy work gloves	202 KAR 7:550 Sec 9(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(e)



## Class VIII ALS Equipment List

<b>Agency Operations</b>	
Maintain two (2) complete sets of equipment	202 KAR 7:550 Sec 7(4)
Must have the capability to communicate on all VHF Kentucky State Mutual Aid Frequencies in accordance with the Commonwealth of Kentucky Field Operations Guide (KY-FOG)	202 KAR 7:555 Sec 3(18)(b)
Shall wrap, properly store, and handle all single-service implements to be inserted into the patient's nose or mouth.	202 KAR 7:550 Sec 7(5)
Shall properly store and keep multiuse items clean and sterile if indicated.	202 KAR 7:550 Sec 7(6)
<b>Portable suction apparatus, capable of a minimum vacuum of 300 millimeters mercury, equipped with two (2) each of the following:</b>	202 KAR 7:550 Sec 7(7)(a)1
Wide-bore tubing	202 KAR 7:550 Sec 7(7)(a)1.a
Rigid catheters	202 KAR 7:550 Sec 7(7)(a)1.b
Soft pharyngeal suction tips in child size	202 KAR 7:550 Sec 7(7)(a)1.c
Soft pharyngeal suction tips in adult size	202 KAR 7:550 Sec 7(7)(a)1.d
<b>One (1) hand-operated bag-mask ventilation unit equipped with clear facemasks and oxygen reservoirs with oxygen tubing in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)2
Adult	202 KAR 7:550 Sec 7(7)(a)2.a
Child	202 KAR 7:550 Sec 7(7)(a)2.b
Infant	202 KAR 7:550 Sec 7(7)(a)2.c
Neonatal mask only	202 KAR 7:550 Sec 7(7)(a)2.d
<b>Two (2) oropharyngeal airways in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)3
Adult	202 KAR 7:550

	Sec 7(7)(a)3.a
Child	202 KAR 7:550 Sec 7(7)(a)3.b
Infant	202 KAR 7:550 Sec 7(7)(a)3.c
One (1) pocket mask with a one (1) way valve	202 KAR 7:550 Sec 7(7)(a)4
Blind-Insertion Airway Devices (BIAD) in adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(a)5
Portable oxygen equipment of at least 300 liters capacity and D size cylinder with a regulator capable of delivering 25LPM	202 KAR 7:550 Sec 7(7)(a)6
<b>Oxygen delivery devices, including:</b>	
Two (2) non-rebreathing oxygen masks in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)1
Two (2) nasal cannula in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)2
<b>Two (2) nasopharyngeal airways with water-soluble lubricant in each of the following sizes:</b>	
Adult	202 KAR 7:550 Sec 7(7)(b)3a
Child	202 KAR 7:550 Sec 7(7)(b)3b
Infant	202 KAR 7:550 Sec 7(7)(b)3c
<b>Wound care supplies, including:</b>	
Two (2) airtight dressings for open chest wounds	202 KAR 7:550 Sec 7(7)(c)1
Assorted bandaging supplies for the care of soft tissue injuries	202 KAR 7:550 Sec 7(7)(c)2
Sterile water for irrigation	202 KAR 7:550 Sec 7(7)(c)3
An AED with a minimum of two (2) complete sets of pads for all non-ALS providers and vehicles	202 KAR 7:550 Sec 7(7)(d)
<b>Patient stabilization equipment, including:</b>	
Two (2) upper and two (2) lower extremity-splinting devices	202 KAR 7:550 Sec 7(7)(e)1
<b>Two (2) cervical collars in each of the following sizes or adjustable equivalents:</b>	
Pediatric	202 KAR 7:550 Sec 7(7)(e)2a

Small	202 KAR 7:550 Sec 7(7)(e)2b
Medium	202 KAR 7:550 Sec 7(7)(e)2c
Large	202 KAR 7:550 Sec 7(7)(e)2d
No-Neck	202 KAR 7:550 Sec 7(7)(e)2e
<b>Personal protection and body substance isolation equipment, including at least one (1) of each of the following for each EMS provider:</b>	202 KAR 7:550 Sec 7(7)(f)
Gown	202 KAR 7:550 Sec 7(7)(f)1
Face mask and shield	202 KAR 7:550 Sec 7(7)(f)2
Gloves	202 KAR 7:550 Sec 7(7)(f)3
Biohazard bag	202 KAR 7:550 Sec 7(7)(f)4
Puncture resistant container for the disposal of sharp objects	202 KAR 7:550 Sec 7(7)(f)5
Antimicrobial hand cleaner	202 KAR 7:550 Sec 7(7)(f)6
<b>Obstetrical supplies, including:</b>	202 KAR 7:550 Sec 7(7)(g)1
Sterile scalpels or scissors	202 KAR 7:550 Sec 7(7)(g)1.a
Sterile gloves	202 KAR 7:550 Sec 7(7)(g)1.b
Bulb suction	202 KAR 7:550 Sec 7(7)(g)1.c
Two (2) umbilical clamps	202 KAR 7:550 Sec 7(7)(g)1.d
<b>One (1) blood pressure sphygmomanometer in each of the following cuff sizes:</b>	202 KAR 7:550 Sec 7(7)(g)2
Large adult	202 KAR 7:550 Sec 7(7)(g)2.a
Adult	202 KAR 7:550 Sec 7(7)(g)2.b
Pediatric	202 KAR 7:550

	Sec 7(7)(g)2.c
<b>One (1) stethoscope in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(g)3
Adult	202 KAR 7:550 Sec 7(7)(g)3.a
Pediatric	202 KAR 7:550 Sec 7(7)(g)3.b
A glucometer or blood glucose-measuring device with reagent strips and lancets for obtaining blood glucose sample.	202 KAR 7:550 Sec 7(7)(g)4
<b>Endotracheal intubation equipment consisting of:</b>	202 KAR 7:550 Sec 8(4)(a)
Laryngoscope handle	202 KAR 7:550 Sec 8(4)(a)1
Various laryngoscope blades in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 8(4)(a)2
Extra batteries and bulbs for handles or blades	202 KAR 7:550 Sec 8(4)(a)3
A minimum of seven (7) different sizes of endotracheal tubes for oral and nasal placement in adult, pediatric, and infant sizes	202 KAR 7:550 Sec 8(4)(a)4
Equipment necessary to perform emergency cricothyrotomy	202 KAR 7:550 Sec 8(4)(a)5
An end tidal carbon dioxide detection device	202 KAR 7:550 Sec 8(4)(a)6
Stylettes in adult and pediatric sizes	202 KAR 7:550 Sec 8(4)(a)7
Magill forceps in adult and pediatric sizes	202 KAR 7:550 Sec 8(4)(a)8
One-half (1/2) inch wide twill tape or equivalent for securing endotracheal tubes	202 KAR 7:550 Sec 8(4)(a)9
Water-soluble lubricant for lubrication of endotracheal and nasotracheal tubes	202 KAR 7:550 Sec 8(4)(a)10
<b>A portable monitor defibrillator that:</b>	202 KAR 7:550 Sec 8(4)(b)
Is capable of displaying a visual display of cardiac electrical activity	202 KAR 7:550 Sec 8(4)(b)1
Is capable of providing a hard copy of cardiac electrical activity measure	202 KAR 7:550 Sec 8(4)(b)2
Is capable of delivering direct current energy over a variable range, which is suitable for pediatric and adult usage	202 KAR 7:550 Sec 8(4)(b)3
Is capable of providing external cardiac pacing	202 KAR 7:550 Sec 8(4)(b)4
Has adult and pediatric external pads, capable of utilization for immediate monitoring of heart activity and delivery of counter shock in both the adult and pediatric patient	202 KAR 7:550 Sec 8(4)(b)5

Is capable of being operated from internal rechargeable batteries	202 KAR 7:550 Sec 8(4)(b)6
Has synchronized counter shock capability for cardioversion	202 KAR 7:550 Sec 8(4)(b)7
Has a patient monitoring cable with electrode pads or equivalent for use with the patient monitoring cable	202 KAR 7:550 Sec 8(4)(b)8
<b>Medication Administration</b>	
Sterile, disposable needles, in types and sizes sufficient for personnel to administer medications and perform procedures allowed by the agency's patient treatment protocols	202 KAR 7:550 Sec 8(4)(c)
Disposable syringes in types and sizes sufficient for personnel to administer medications and perform procedures allowed by the agency's patient treatment protocols	202 KAR 7:550 Sec 8(4)(d)
Restriction band appropriate for use with venipuncture procedure	202 KAR 7:550 Sec 8(4)(e)
Disposable, individually packaged antiseptic wipes	202 KAR 7:550 Sec 8(4)(f)
Intravenous fluids as required by the agency's protocol, with macrodrip and microdrip fluid sets, and accessory items including over the needle catheter devices in sizes fourteen (14) to twenty-four (24) gauge	202 KAR 7:550 Sec 8(4)(g)
Intraosseous needles or intraosseous devices appropriate for children and adults	202 KAR 7:550 Sec 8(4)(h)
<b>Miscellaneous items, including:</b>	
Pediatric drug dosage tape or equivalent that provides easy reference for pediatric and infant treatment and drug dosages.	202 KAR 7:550 Sec 8(4)(i)
All items with an expiration date must be current	202 KAR 7:550 Sec 8(5)
Drugs shall be stocked and maintained consistent with the agency master medication list.	202 KAR 7:550 Sec 8(6)
Controlled drugs shall be stored in a locked storage box in a locked compartment that is immediately accessible to personnel.	202 KAR 7:550 Sec 8(7)
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(1)(a)
Heavy work gloves	202 KAR 7:550 Sec 9(1)(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(1)(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(1)(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(1)(e)

## Class VIII BLS Equipment List

<b>Agency Operations</b>	
Maintain two (2) complete sets of equipment	202 KAR 7:550 Sec 7(3)
Each basic life support non-transport vehicle shall wrap, properly store, and handle all single-service implements to be inserted into the patient's nose or mouth.	202 KAR 7:550 Sec 7
Must have the capability to communicate on all VHF Kentucky State Mutual Aid Frequencies in accordance with the Commonwealth of Kentucky Field Operations Guide (KY-FOG)	202 KAR 7:550 Sec 7
Shall wrap, properly store, and handle all single-service implements to be inserted into the patient's nose or mouth.	202 KAR 7:550 Sec 7
Shall properly store and keep multiuse items clean and sterile if indicated.	202 KAR 7:550 Sec 7
<b>Portable suction apparatus, capable of a minimum vacuum of 300 millimeters mercury, equipped with two (2) each of the following:</b>	202 KAR 7:550 Sec 7(7)(a)1
Wide-bore tubing	202 KAR 7:550 Sec 7(7)(a)1.a
Rigid catheters	202 KAR 7:550 Sec 7(7)(a)1.b
Soft pharyngeal suction tips in child size	202 KAR 7:550 Sec 7(7)(a)1.c
Soft pharyngeal suction tips in adult size	202 KAR 7:550 Sec 7(7)(a)1.d
<b>One (1) hand-operated bag-mask ventilation unit equipped with clear facemasks and oxygen reservoirs with oxygen tubing in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)2
Adult	202 KAR 7:550 Sec 7(7)(a)2a
Child	202 KAR 7:550 Sec 7(7)(a)2b
Infant	202 KAR 7:550 Sec 7(7)(a)2c
Neonatal mask only	202 KAR 7:550 Sec 7(7)(a)2d
<b>Two (2) oropharyngeal airways in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(a)3
Adult	202 KAR 7:550 Sec 7(7)(a)3a

Child	202 KAR 7:550 Sec 7(7)(a)3b
Infant	202 KAR 7:550 Sec 7(7)(a)3c
One (1) pocket mask with a one (1) way valve	202 KAR 7:550 Sec 7(7)(a)4
Blind-Insertion Airway Devices (BIAD) in adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(a)5
Portable oxygen equipment of at least 300 liters capacity and D size cylinder with a regulator capable of delivering 25LPM	202 KAR 7:550 Sec 7(7)(a)6
<b>Oxygen delivery devices, including:</b>	202 KAR 7:550 Sec 7(7)(b)
Two (2) non-rebreathing oxygen masks in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)1
Two (2) nasal cannula in both adult and pediatric sizes	202 KAR 7:550 Sec 7(7)(b)2
<b>Two (2) nasopharyngeal airways with water-soluble lubricant in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(b)3
Adult	202 KAR 7:550 Sec 7(7)(b)3a
Child	202 KAR 7:550 Sec 7(7)(b)3b
Infant	202 KAR 7:550 Sec 7(7)(b)3c
<b>Wound care supplies, including:</b>	202 KAR 7:550 Sec 7(7)(c)
Two (2) airtight dressings for open chest wounds	202 KAR 7:550 Sec 7(7)(c)1
Assorted bandaging supplies for the care of soft tissue injuries	202 KAR 7:550 Sec 7(7)(c)2
Sterile water for irrigation	202 KAR 7:550 Sec 7(7)(c)3
An AED with a minimum of two (2) complete sets of pads for all non-ALS providers and vehicles	202 KAR 7:550 Sec 7(7)(d)
<b>Patient stabilization equipment, including:</b>	202 KAR 7:550 Sec 7(7)(e)
Two (2) upper and two (2) lower extremity-splinting devices	202 KAR 7:550 Sec 7(7)(e)1
<b>Two (2) cervical collars in each of the following sizes or adjustable equivalents:</b>	202 KAR 7:550 Sec 7(7)(e)2
Pediatric	202 KAR 7:550 Sec 7(7)(e)2a
Small	202 KAR 7:550 Sec 7(7)(e)2b

Medium	202 KAR 7:550 Sec 7(7)(e)2c
Large	202 KAR 7:550 Sec 7(7)(e)2d
No-Neck	202 KAR 7:550 Sec 7(7)(e)2e
<b>Personal protection and body substance isolation equipment, including at least one (1) of each of the following for each EMS provider:</b>	202 KAR 7:550 Sec 7(7)(f)
Gown	202 KAR 7:550 Sec 7(7)(f)1
Face mask and shield	202 KAR 7:550 Sec 7(7)(f)2
Gloves	202 KAR 7:550 Sec 7(7)(f)3
Biohazard bag	202 KAR 7:550 Sec 7(7)(f)4
Puncture resistant container for the disposal of sharp objects	202 KAR 7:550 Sec 7(7)(f)5
Antimicrobial hand cleaner	202 KAR 7:550 Sec 7(7)(f)6
<b>Obstetrical supplies, including:</b>	202 KAR 7:550 Sec 7(7)(g)1
Sterile scalpels or scissors	202 KAR 7:550 Sec 7(7)(g)1a
Sterile gloves	202 KAR 7:550 Sec 7(7)(g)1b
Bulb suction	202 KAR 7:550 Sec 7(7)(g)1c
Two (2) umbilical clamps	202 KAR 7:550 Sec 7(7)(g)1d
<b>One (1) blood pressure sphygmomanometer in each of the following cuff sizes:</b>	202 KAR 7:550 Sec 7(7)(g)2
Large adult	202 KAR 7:550 Sec 7(7)(g)2a
Adult	202 KAR 7:550 Sec 7(7)(g)2b
Pediatric	202 KAR 7:550 Sec 7(7)(g)2c
<b>One (1) stethoscope in each of the following sizes:</b>	202 KAR 7:550 Sec 7(7)(g)3
Adult	202 KAR 7:550 Sec 7(7)(g)3q
Pediatric	202 KAR 7:550 Sec 7(7)(g)3b



A glucometer or blood glucose-measuring device with reagent strips and lancets for obtaining blood glucose sample.	202 KAR 7:550 Sec 7(7)(g)4
<b>Miscellaneous items, including:</b>	202 KAR 7:550 Sec 9
Eye protection goggles or safety glasses	202 KAR 7:550 Sec 9(a)
Heavy work gloves	202 KAR 7:550 Sec 9(b)
Hard hats that meet ANSI standards, as stated in 29 C.F.R. 1910.135	202 KAR 7:550 Sec 9(c)
Reflective safety wear for each crew member that meet current ANSI standard ANSI 107-2010 or ANSI 207-2011	202 KAR 7:550 Sec 9(d)
Three (3) reflective triangles or strobes, or equivalent warning devices.	202 KAR 7:550 Sec 9(e)

# **POST-INSPECTION**

## **Inspection Report**

Upon the KBEMS inspector submitting the vehicle or agency checklist (dependent upon internet connectivity) the agency director, as identified in the agency KEMSIS account, will receive an email copy of the vehicle and agency checklists submitted.

## **Violations**

Violations are any items that do not fully satisfy KBEMS minimum requirements as described in the KBEMS Ground Ambulance Regulations. Additionally, medications and supplies WILL NOT be considered acceptable if the manufacturer's expiration date has been surpassed, as consistent with United States Food and Drug Administration (FDA) standards, and other applicable guidelines.

Vehicle Violations will fall into one of the following categories:

Onsite Correctable – A violation for which the agency may be allowed to correct the violation within the time frame of the remainder of the inspection. When a violation is corrected during the inspection, the Inspector/Liaison will update the Inspection Sheet accordingly; otherwise the violation will remain in effect, and will move to the “Critical Violation” category.

NOTE: Three “Onsite Correctable” violations will result in a FAILED vehicle inspection. A failed inspection will result in a re-inspection and assessment of the re-inspection fee as noted in 202 KAR 7:030.

Critical Violations: regulatory violation which will require a re-inspection of the agency or vehicle, and for which the vehicle is immediately removed from service until the violation is corrected and verified by a re-inspection.

Any Onsite Correctable violation that is unable to be corrected during the inspection will result in a critical fail and will also result in a re-inspection and the assessment of the appropriate re-inspection fee.

At no time shall it be acceptable to move equipment or supplies from one vehicle to another during the inspection process unless a surplus of equipment exists on the vehicle from which the equipment is transferred, and the Inspector/Liaison approves the transfer. Concession will be made for operational practices of agencies that transfer Advanced Life Support (ALS) equipment based on the ambulance staffing level.

If one or more critical violations are found during the inspection, the Director of Field Operations will issue the agency director a statement of violations clearly indicating:

- The regulation which governs the violation.
- The item(s) which were in violation of that regulation.

## **Re-inspection**

Should an agency or vehicle be found to have three (3) or more separate violations classified as Onsite Correctable (OC) (as defined herein), or one (1) or more Critical Violations, a complete re-inspection of the vehicle(s) with violations will be required. The re-inspection fee will be assessed for all re-inspections and must be remitted prior to the re-inspection. Failure to pay the re-inspection fee prior to the re-inspection date may result in further disciplinary action per KRS Chapter 311A.

## **Non-response to Statement of Violations**

Should a vehicle or agency be found to have FAILED an inspection, the agency director will receive a statement of violation(s). This notice will indicate the date by which all violations must be corrected.

When a statement of violation has been issued to a Kentucky EMS Agency and KBEMS has not received a plan of correction by the date noted in the statement of violations, the EMS agency may be subject to further discipline per KRS Chapter 311A.

## **Notification Process**

Each KBEMS-licensed agency is responsible for complying with all statutes, regulations, and other applicable standards, regardless of notification from KBEMS; this shall include compliance with the provisions described in a statement of violation.

Notifications to KBEMS, regarding licensure changes, correction of violations, etc., must be in writing via U.S. mail, e-mail or the appropriate KEMSIS application.

# ADDENDUM



## KBEMS Mutual Aid Frequencies

As Required By 202 KAR 7:555, Section 18

Channel Configuration	Channel Name/Trunked Radio System Talk	Eligible Users	Mobile RX Freq	N/W	RX Tone/NAC	Mobile TX Freq	N/W	TX Tone/NAC	Mode A, D or M	Notes
Simplex	VMA	Any Public Safety	155.4750	N	156.7	155.4750	N	156.7	A	Calling/Tactical
Simplex	VCALL10	Any Public Safety	155.7525	N	156.7	155.7525	N	156.7	A	Calling/Tactical
Simplex	VTAC11	Any Public Safety	151.1375	N	156.7	151.1375	N	156.7	A	Tactical Simplex
Simplex	VTAC12	Any Public Safety	154.4525	N	156.7	154.4525	N	156.7	A	Tactical Simplex
Simplex	VTAC13	Any Public Safety	158.7375	N	156.7	158.7375	N	156.7	A	Tactical Simplex
Simplex	VTAC14	Any Public Safety	159.4725	N	156.7	159.4725	N	156.7	A	Tactical Simplex
Duplex	VTAC33	Any Public Safety	159.4725	N	136.5	151.1375	N	136.5	A	Tactical Repeater
Duplex	VTAC34	Any Public Safety	158.7375	N	136.5	154.4525	N	136.5	A	Tactical Repeater
Duplex	VTAC35	Any Public Safety	159.4725	N	136.5	158.7375	N	136.5	A	Tactical Repeater
Duplex	VTAC36	Any Public Safety	151.1375	N	136.5	159.4725	N	136.5	A	Tactical Repeater
Duplex	VTAC37	Any Public Safety	154.4525	N	136.5	158.7375	N	136.5	A	Tactical Repeater
Duplex	VTAC38	Any Public Safety	158.7375	N	136.5	159.4725	N	136.5	A	Tactical Repeater
Simplex	VMED28	EMS Mutual Aid	155.3400	N	156.7	155.3400	N	156.7	A	Tactical
Simplex	VMED29	EMS Mutual Aid	155.3475	N	156.7	155.3475	N	156.7	A	Tactical

## **Change Log**

3.11.19 – Version 2.1

Added Radio Requirements to checklists for appropriate classifications.

Remove Preventive Maintenance Document requirements from Vehicle Checklists.

Added Preventive Maintenance Program requirements to Agency Checklist.

Added Regulation Reference to documents and checklists.

Added Addendum with mutual aid frequency list and clarification.